



WORLDWIDE TV-FM DX ASSOCIATION
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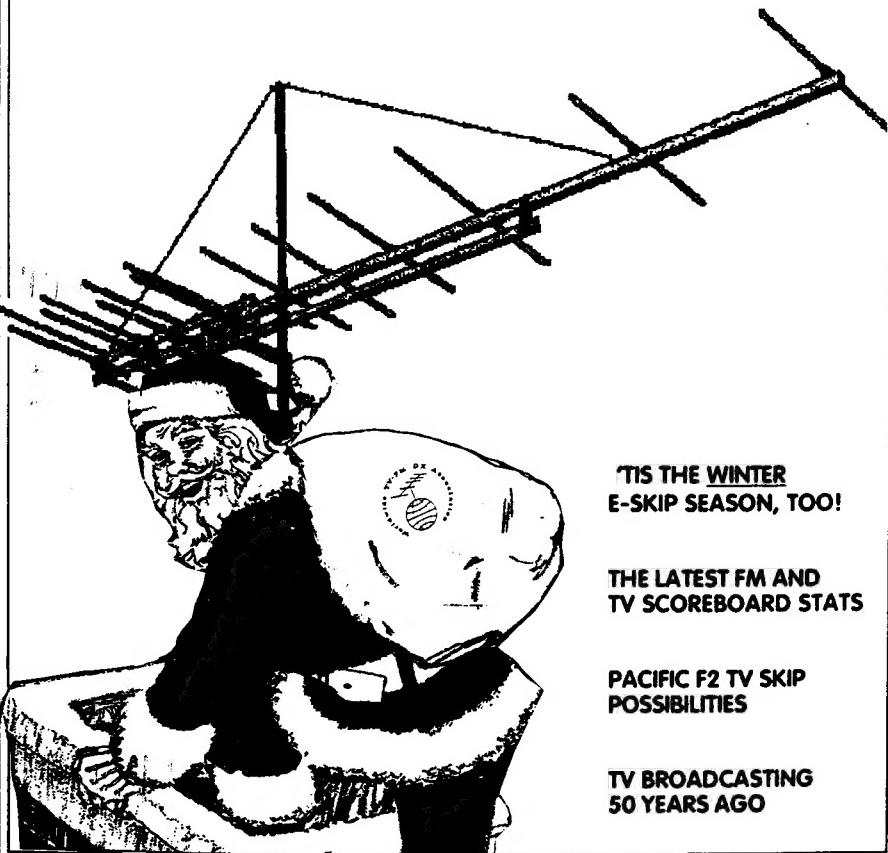
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VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 1998

Season's Greetings!



WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

BUSY: It may be the time of year, or the phase of the moon, or purely coincidental; but it seems like everyone is literally swamped with work and other non-dxing activities. We don't intend to use that as a total 'cop out', but it is the primary reason that your board of directors hasn't acted on the pending business that has been discussed recently in this column. Please bear with us while we get the loose ends tied up.

REMINDER #1: Don't forget the mid-winter E-skip season. It (hopefully) will make its' usual brief appearance about the time Santa makes his rounds. On occasion the winter openings have produced great catches...but...they are sporadic and generally even less predictable than their summer counterparts.

REMINDER #2: Join the WTFDA chat group every Tuesday and Friday evening at 10 PM Eastern time on IRCnet channel #wtfdexa. Topics include equipment, tracking down unID'd stations, propagation characteristics, computer resources, and more. Don't know how to access it? Software questions? Check with Mike Bugaj. His e-mail address is <ikon@netcom.com>.

CONDOLENCES: Please join us in expressing our sympathy to WTFDA member Frank Aden of Boise, ID. Frank's mother passed away in early November.

GREETINGS: From all of the people who work on the VUD each month...from all who contribute to the club in any number of ways...from all whose names appear at the top of this page...please accept very best wishes for the season.

HAPPY HOLIDAYS!

WTFDA MAILBOX

Worldwide TV-FM DX Association
P.O. Box 501, Somersville, CT 06072

Mike Bugaj

NEW MEMBER

ikon@netcom.com

William Mitchell, Columbus OH

RENEWALS

We salute the WTFDA troops renewing for another year: Jeffrey Kitsko, Dr. Joel Rosenburg, Robert Delaney, Keith Short, Steve Solomon, Karl Zuk, Eric Nagel, Steve Branch and Richard Gallison. Glad to have you all here!

MAILBOX MERCHANDISE MALL STRIKES AGAIN

A couple of months ago, if you remember, Jim Ayers wrote in looking for a low-band VHF trap. He got one! Jim writes "Just to let you know that the Mailbox Merchandise Mall came through again! Thanks for your listing my interest in finding another Hi-Q trap. Nate Ely had just the model I wanted at a price I couldn't refuse, and it's probably on its way to me at this moment. Yep, the Mailbox did it again!"

AND MORE FREE STUFF!

Email from Jeff Kadet: "While rummaging thru some old reel-to-reel tapes, I found one full of TV station sign-offs circa 1963-65 while I dxed from Needham, MA. I will copy it free for any member who sends a C-60 cassette and return shipping." Jeff also mentions that somewhere he also has a reel with a Boston FM bandscan circa 1965 plus reels with BCB bandscans from 1965-66, but so far he hasn't found them yet.

HOWDY, PARTNER!

One neat letter: "Hello everyone! I just wanted to drop a note to introduce myself. I am Luke Steele, a new WTFDA member. I'm thrilled to be a member, it looks like a GREAT club to me! (yep, it is -Mike). I signed up right after I finished the sample issue! I'm in high school and have only been "seriously" FM dxing since May 28th of this year! I have been a radio fan for four years though, and collect airchecks and all sorts of logo items as well as broadcast industry trade publications. If anyone is interested in sending tape of their unid dx stations to me, I may be able to figure them out. I'd be glad to help you. Also, I'd be interested in learning what you all think is the best FM component receiver, as I will be in the market for one soon. I'm amazed how well my current radio did this summer, but I do want to get a component tuner one day soon. Also interested in getting ahold of RadioWorld, Tuned In Broadcasting, etc. type magazines, so if you are interested in that please let me know." Luke gives his email address as midwestairchecks@hotmail.com, and lives in Vinita, OK. Welcome to WTFDA!

And now this...BLAST FROM THE PAST!

Someone found our website and popped a question to me regarding the WTFDA TV Station Guide, an oldie-but-goodie publication that was last published in 1981. The crew who worked on this were Ron LeBlanc, Morrie Goldman, Harry Hayes, John Combs, William Fahber, Mike Hollis, Robert Langridge, Steve Sprachman and Rick Samford. There were two editions; the first with a blue cover and the last (the one I have) with a red cover. I mention this because I have had two requests since March wondering if the guide was still available. One person, a radio amateur, said it still is one of the most valuable Es aides he has despite the fact that the latest Guide is 17 years old. And believe it or not, I still have mine tacked to the wall in my basement next to the TV set. Each VHF channel had its own map, and the UHF maps went up to ch83. This guide was one of WTFDA's premier publications, a resource that is still missed today.

DIGITAL TV UPDATE

Some DTV info found its way onto the qth.email list lately. Here are a couple of posts from Karl Zuk: Early indications show that digital signals coexist with analog ones fairly well. If you are familiar with how analog and digital signals look on a spectrum analyzer, they almost fit like puzzle pieces...well, almost. As for antennas: most DTV will be on UHF... (but)...most interesting will be WBBM-DTV on channel 3 in Chicago. This will make an interesting e-skip catch. DTV signals that are below the noise floor can actually be sufficient for pictures, and RF propagation won't change. What will change is the noise and fading of analog. You'll get the signal, or you won't. An often used analogy is that it's like falling off a cliff. DTV has no ghosts. There is sophisticated error correction built into DTV receivers to compensate for fading and data error created by multipath/echoes. Weak signals or interference will produce confetti much like what you see when you lose signal on a DirectTV system. DTV is much more forgiving with weak signals. In fact, signals that are below the noise floor on a spectrum analyzer can still produce full quality pictures. One interesting anomaly that has just arised: the way the pickup patterns of antenna systems correlates to usable signals seems to be somewhat different between analog and digital. A recent installation in Manhattan proved an eight-bay bow tie array may work better than a parabolic dish for DTV in some circumstances. I'm not sure I quite understand why yet, but we're working on it.

I received another email from someone wanting information on DTV DXing and DTV propagation, which I emailed to Doug Smith and he was kind enough to answer the questions and send me a copy: DTV signals are certainly capable of travelling great distances. Bill Draeb in Kewaunee, WI has reported tentative reception of WBBM-DT channel 3 Chicago, about 200 miles, and Fernando Garcia in Monterrey, Mexico believes he's seen WSB-DT channel 39 Atlanta, over 1000 miles distant. But, neither dxer has a digital set...there just aren't enough DTV receivers out there to know yet. I'm 99% certain tropoduct DX will not be a problem with digital. The signals are fairly steady, and there isn't much QRM on the UHF band. DTV signals will also propagate by E-skip, but interference and fading are much worse at VHF. Because of the use of time compression, a brief fadeup of 2-3 seconds may not be enough to yield a picture. On the other hand, if a picture does come in, it will be pretty good if not perfect.

MONSTER DISHES

Here are some neat posts from the qth.net list regarding large parabolic antennas. So you think your 7' dish is huge... then read on. This is from an engineer in Quebec:

We are still running a 35' parabolic reflector for five FM channels that are 150-200 miles away. This parabolic is on top of a mountain and it is made with 50' wooden poles and the parabolic is made with 2" galvanized pipes for the frame and wire mesh for reflector. In the center is a fiberglass pole and at the end on the focal point of the parabolic is an FM antenna facing the dish. This parabolic is 25-30 years old and still running fine. The FM antenna was changed 15 years ago.

Somebody want to try that on your property? Here's another one:

In the mid 60s the parabolic-torus was also used for the long distance reception of TV signals. As I recall they were frequently used in Canada and manufactured by a Canadian firm. One such antenna was erected in about 1965 in Merced, CA, a CATV system owned and operated by G.E. Cablevision until 1986. The screen was about 90' high and 360' long. The radius of the torus was about 100'. The screen was centered on San Francisco and several antennas were placed along the locus of feed positions to cover all the Bay Area signals. The support structure consisted of steel towers with the appropriate curvature and the screen was constructed using horizontal, stretched steel wires. The screen was difficult to see and soon became dubbed the "bird catcher". It also had a tendency to "sing" during high winds. The torus was the main source of Bay Area signals for a number of years, and later served as back-up to the CARS M/W system that replaced it. It would be interesting to know if the torus is still standing at the old Merced Headend site in Cressy, CA. -That's all, folks! Everybody have a great holiday season!! See you in the WTFDA Chat Room. - Mike

TARGETS FOR F2 SKIP

Compiled by Mike Fouister ZL3TIC, Christchurch, New Zealand
::::::::::::::::::::::::::::::::::

PACIFIC 45 - 55 Mhz

This is a frequency list of TV transmitter video carriers at Zero beat within the range of 45 - 55 Mhz

* The Nicam subcarrier is 300khz above the audio carrier and is approx 200khz wide, the subcarrier is 10db below the audio carrier.

PACIFIC

LOCATION	CALLSIGN	POWER	FREQUENCY	GRID REF
AMERICAN SAMOA	KVZK-TV	50KW	55.24998	AH45
HAWAII	KHONTV	100KW	55.23940	BL01
COOK ISLANDS	CIBS-2#	10W	55.25000	
PHILIPPINE	SABS-CBN	100KW	55.24998	
SOUTH KOREA	AFKN-TV	70KW	55.25000	

#This is a low powered link to feed the Airport Translator

NEW ZEALAND

LOCATION	CALLSIGN	POWER	FREQUENCY	GRID REF
HIKURANGI	TV2*	100KW	45.26040	RF74
SKY TOWER	TV4*	500W	45.24989	RF73
TE AROHA	TV1*	100KW	45.23980	RF72
KAUKAU	TV1*	100KW	45.25000	RE78
SOUTH SHORE	TV2*	100W	45.23990	RE66
BANKS PENINSULA	TV1*	100W	45.25902	RE66
MT STUDHOLME	TV2*	10KW	45.23980	RE55
MT HEDGEHOPE	TV1*	100KW	45.25000	RE43
MURCHISON	TV2*	2KW	45.26000	RE68
NELSON	TV3*	2KW	45.26030	RE68
WHAKAPUNAKE	TV1*	10KW	45.26040	RF80
KAKA HILL	TV3*	50W	45.25000	RE67
WALLACE PEAK	TV2*	250W	45.25000	RE67
QUEENSBURY	TV2*	100W	45.26040	RE44
WINGATUI	TV2*	1W	45.28340	RE54
REEFTON	TV3*	100W	45.23700	RE57
HASTINGS	TV1*	10KW	45.26090	RF81
KAUKAU	TV4*	10KW	55.23860	RE78
MANGONUI	TV2*	100W	55.24000	RF65
OMAPERE	TV2*	10W	55.24010	RE64
PARAHAKI	TV2*	150W	55.25000	RF63
WHARITE	TV1*	100W	55.25000	RE79
KARORI WEST	TV3*	10W	55.23960	RE78
FERRY MEAD	TV3*	50W	55.26330	RE66
MT CARGILL	TV1*	100KW	55.26050	RE54
WATATARUA	TV1*	100KW	55.24000	RF73
REEFTON	TV2*	20W	55.24970	RE57
LUDLEY	TV2*	50W	55.26000	RE56
CROMWELL	TV2*	500W	55.25000	RE44
ROXBURGH	TV2*	10W	55.25980	RE44
AHURIRI VALL	TV2*	500W	55.24010	RE54

AUSTRALIA 46 MHZ

LOCATION	CALLSIGN	POWER	FREQUENCY	GRID REF
MT ULANDRA	ABMNO	100KW	46.24010	QF35
MT MOWBULL	ANRTQO*	150KW	46.17180	Q353
BALD HILLNENO		1000W	46.26100	QF58
BUCKERIDGE LOOKOUT	ABWN0	500W	46.23960	QF53
NANNY GOAT HILL	ABSNO	25W	46.23963	QF4
MT CUMBERMELON	ABCNO	15W	46.25740	

* Stereo subcarrier is 300khz above the audio carrier, uses standard Analog system.

MALAYSIA 48 Mhz

As this list below is far from complete this is the best information at the time of publication, I would like to thank Steve VK3OT/VK3SIX and Milan OK1XH for their input.

LOCATION	CALLSIGN	POWER	FREQUENCY	GRID REF
KOTAKINIBALU		100KW	48.24000	
EAST MALAYSIA		100KW	48.24470	
MALABO		1KW	48.24760	
SOUTH EAST MALAYSIA			48.24960	
MALAYSIA		100KW	48.25080	
MALAYSIA LOTS		?	48.25000	
GWERU		17.6KW	48.25800	

CHINA, USSR, ASIA 48 - 49mhz

LOCATION	CALLSIGN	POWER	FREQUENCY	GRID REF
HOLMS	SRT2		48.25000	
TRADE CENTREDTV1		150KW	48.25000	LL74
TELERANIRIB2		100KW	48.25800	LM55
YEREVANATV		50KW	49.74200	LN20
DZHALIABADATV1		5KW	49.75000	LM49
KRASNODVODSK		100KW	49.75000	LN60
ASHCHABAD		15KW	49.75000	LM97
ASIA REGION			49.73480	
ASIATIC			49.74740	
ASIA			49.74820	
ASIA			49.74860	
ASIA			49.74960	
ASIA (WARBLY SIG)			49.74990	
KRIVOI ROG		35KW	49.75020	KN67
VELIKIJKE		90KW	49.75090	KO56
VLADIVOSTOK		7KW	49.75020	
CHINESE OUTLET			49.75040	
CHINESE (PULSING)			49.75080	
SUZHZERO		10KW	49.75800	KP63
KULDIGA		50KW	49.76040	
ROSTOV-ON-DON		35KW	49.76080	KN79
NOVOSOKOLNIKIURS		90KW	49.75780	KO56

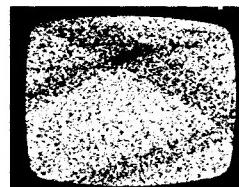
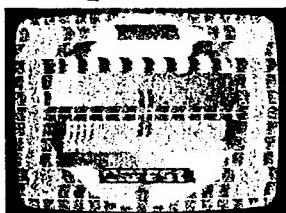
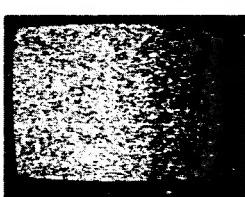
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F2 TV SIGNALS



FMNEWS

DECEMBER 1998

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KEY TO	ABBREVIATIONS:	GX: granted replacement of expired permit	PG: power change granted (">" for increase, "<" for decrease, when known)
	&: satellite programming	LC: license to cover filed (means station is ready to come on air)	QC: frequency change occurred
	AF: New frequency allocation accepted for filing for a new FM license	MC: multiple-city legal ID	QG: frequency change granted
	AFA: American Family Association	NC: no change yet on a reported change/permit non-directional antenna	RA: silent station returns to air
	CC: call letter change	ND: not on the air	RE: station requests extension on permit
	CL: city of license change	NO: new station granted	RX: station requests replacement of expired permit
	CX: a construction permit has been canceled	NW: new station signs on one-step application	SG: slogan change or update
	C1,C2,etc: a change in status to that FM license class	OSA: granted for change	SI: station is silent
	DA: directional antenna	PA: proposed amendment to change FM table of allocation	XA: dismissed amendment to FM allocations
	DE: station has been deleted	PC: power change on the air (">" for increase, "<" for decrease, when known)	XC: transmitter site change occurred
	FC: format change		XG: transmitter site change granted
	GA: granted amendment to the table of FM allocations		
	GE: granted extension of construction permit		



UNITED STATES

ALABAMA:

Birmingham: WZRR 99.5 dropped local "Mason and Dixon" for "John Boy and Billy"

Brewton: WPHG 90.9 XG: 31-18-13 / 87-02-50 LC

Butler: WKZB 93.5 FC to classic rock (&) Cedarstown: WJCK 88.3 NC to 27 kW, 1001 ft, DA, C3, RE

Chatom: WFOW 106.1 NC to 12 kW, 472', GE Columbian: WQEM 101.5 NO-RE

Cullman: WFMH 101.1 to change to cont. Christian Nov. 23rd (Birmingham)
E.Brewton: WGXC 95.7 NO-GX, XA for class change A - C3, CL: Navarre, FL

Eufaula: WULA 92.7 PC> 26 kW, 298', C2 Homewood: WEDA 97.3 PG to 640w, 1004 ft, NW, CHR (Birmingham)

Millbrook: WMHZ 97.1 PG< 1 kW, 790 ft. Ozark: WQLS 103.9 FC to JRN soft AC (&)

Ozark: WAQG 91.7 NW, AFA cont. Christian Smiths: WBFA 101.3 NW, CHR "B-101"

Troy: WZHT 105.7 inc. to 1830 ft. XC: 31-58-28 / 86-09-44



ALASKA:

Bagdad: KBJU 89.3 CC (NS)

Fairbanks: KWLF 98.1 inc. to 764 ft, C1, XC: 64-55-20 / 147-42-55

Girdwood: KEUL 88.9 LC

Holbrook: K201ER 88.1 NS-50W: KCZO

Homer: KWVV 103.5 FC to JRN soft AC (&)

Houston: KADX 94.7 NO-RE (4th)

Juneau: KAMT 100.7 NO-RE (4th)

Juneau: KAKZ 102.7 NO-RE (4th)

King Salmon: *** 92.1 GA: add class A

ARIZONA:

Chino Valley: KAKP 103.9 LC

Eagar: KTHQ 92.5 PG< 57 kW, 1230 ft.

Gilbert: KPTY 103.9 PC> 50 kW, 492 ft.

Page: KNAD 91.7 NW, info/classical // KNAU 88.7 Flagstaff

St.Johns: KWKM 95.7 NO-RE

Tucson: KZPT 104.1 inc. to 328 ft.

ARKANSAS:

Batesville: KBTA 99.5 PG< 3.4 kW, 426 ft.

XG: 35-52-07 / 91-35-14

El Dorado: KBYB 96.1 inc. to 446 ft.

XC: 33-16-16 / 92-39-17

Eudora: KAVH 101.5 NO-RE

Gould: KAFN 102.5 NO-GE

Arkansas:

Pangburn: "NS" 99.1 6 kW, 328 ft.
Wilson: KAFW 103.7 GA: to 94.7 - A, CL: Turrell

CALIFORNIA:

Arnold: KBYN 95.9 PG> 980w, 807 ft.
XG: 38-22-42 / 120-11-36
Bayside: KZPN 91.5 PG> 550w, 508 ft.,
XG: 40-47-49 / 124-02-47
Blythe: K209CY 89.7 NS-50w(v), DA: KAWZ-ID
Carlsbad: KMCX 95.7 CC (ex KMCG) "Mix 95.7"
Cederville: K207CR 89.3 NS-75w: KVIP 98.1
Chowchilla: KSKD 93.3 FC to Christian rock //
KLRD (Merced)
Corning: KCEZ 100.7 FC to oldies & talk
Fairmead: KLVY 91.1 LC
Ft. Bragg: KLLK 96.7 PG 890w, 2873 ft. class B,
XC: 39-3059 / 123-05-21, CL: Willits, CA
Goleta: KKS 106.3 CC (ex KMGQ) "Santa
Barbara"
Greenfield: KSEA 107.9 NO-GX (3rd)
Happy Camp: K216EC 91.1 NS-KAWZ Idaho
Holtville: KGBA 100.1 PG> 3 kW, 328 ft.
XG: 32-47-40 / 115-29-53
Johannesburg: KRAJ 100.9 CC (ex KBHM), NW,
Jones AC (&) // KEDD
Kings Beach: KHWG 107.7 dec. to 2867 ft.,
XC: 39-18-48 / 119-52-59
King City: K213CR 91.9 NS-80w: KCZO
Livingston: KLVN 88.3 LC
Lompoc: KAKV 106.7 NO-GE
Lompoc: KAOH 104.9 NO-GX
Long Beach: KBUE 105.5 PG> 3 kW, 466 ft.
Long Beach: KLOM 88.1 NC to 35 kW, DA, B, RE
Lucerne Valley: KIXA 106.5 FC to rock
Newport Beach: KBCD 103.1 FC to adult alt. (L.A.)
Oak View: K210CH 89.9 NS-10w(v): KTLW
Palm Springs: K240CR 95.9 NS-10w(v): KMRO 90.3
Pleasanton: KIOI-2 101.3 NS-900w(v), DA
Pt. Arena: "NS" 102.3 AF
Pt. Arena: "NS" 107.1 AF
Pt. Reyes Station: KWMR 90.5 CC (NS)
Ripley: K201ES 88.1 NS-10w: KEFX-ID
Rosamond: KOSS 105.5 PG> 6 kW
San Diego: KLMV 106.5 CC (ex KEBN) "La Nueva"
San Fran: KFOG 104.5 XG: 37-45-19 / 122-27-06
San Fran: KYCY 93.3 CX CP for 45 kW, 518', DA
San Jacinto: KWRP 96.1 FC to JRN standards (&)
San Luis Obispo: KPAT 88.5 NO-RX
San Rafael: KKHI 105.7 PC> 400w (v), 105'
XG: 37-31-35 / 120-51-25
Santa Ana: KALI 106.3 PC> 6 kW, 302 ft, XC: 33-
45-21 / 117-51-18
Santa Barbara: K218CP 91.5 NS-3w(v): KAWZ-ID
Santa Barbara: KMGQ 97.5 CC (ex KHTY)
Santa Monica: KACD 103.1 FC to adult alt. (L.A.)
Santa Ynez: KRAZ 105.9 NO-GX (3rd)
Shingletown: KRDG 105.3 PC> 28 kW, 1243 ft, C1,
XC: 40-29-19 / 121-54-23
S.Lake Tahoe: KEAR 106.9 NS-?? w.
Stockton: KJOY 99.3 PG> 4.8 kW, 289 ft.,
XC: 37-59-33 / 121-12-50
Vacaville: KUIC 95.3 PC< 460w, 2024 ft.

COLORADO:

Canon City: KTLK 89.1 CC (NS)
Colorado Spgs: KTLF 90.5 PC> 13 kW (v), 2182 ft.,
class C, XC: 38-44-43 / 104-51-39
Dillon: K264AG 100.7 NS-250w: KRKM 106.3
Durango: KPT 99.7 adds Bob & Sheri
Evergreen: KXPK 96.5 FC to new rock (Denver)
Glenwood Spgs: KKCH 92.7 PG< 56 kW (h), 2503 ft.
XC: 39-25-07 / 107-22-06
La Junta: "NS" 89.1 AF
Limon: KAVD 103.1 NO-RE
Ouray: KURA 105.7 NC to 25 kW, 203 ft, XC:
38-55-59 / 107-51-07
Paonia: *** 106.5 PA: add class A
Parkdale: K220GW 91.9 NS-5w: KRCC 91.5
Pueblo: KYZX 104.5 OSA to 103.9, 1,750w.,
2158', XG: 38-44-44 / 104-51-42, CL: Pueblo
West, Colo.
Silverton: "NS" 103.7 AF
Yuma: *** 94.5 GA: add class A
Yuma: KNEC 100.9 CC (ex KBJI), NW, to be
WW1 standards (&), "Northeast Colorado"

CONNECTICUT:

Avon: W209BD 89.7 NS-40w: WGRS 91.5
Hartford: WZMX 93.7 FC to
classic rock "The Point"
Huntington: W220CF 91.9 NS-7w, DA, WGRS
New Haven: WPPL 99.1 PC> 16 kW, 836 ft.
Norwalk: WEFX 95.9 adds Smith & Barber
Storrs: WHUS 91.7 NC to 4.4 kW (v), 1028w
(h), 492', DA, B1, XC: 41-48-50 / 72-15-36
W.Hartford: W220CH 91.5 NS-37w: WGRS 91.5

**FLORIDA:**

Carabelle: WOCY 106.5 NO-GE
Cedar Key: WRGO 102.7 adds JRN oldies (&)
Cross City: *** 97.7 PA: add class A
Crystal River: WAQV 90.9 LC, PG> 3.7 kW, XG: 29-
01-54 / 82-27-08
Florida City: WMFL 88.5 LC
Ft. Pierce: W213AX 107.5 NS-11w(v): WPCS
Ft. Pierce: WLDI 95.5 CC (ex WXFG) "Wild 95.5"
Gifford: WAVV 94.7 CC (ex WBVE) "Wave 94.7"
Havana: WFVL 104.9 adds Bob & Sheri
High Springs: WRKG 104.9 adds Lex & Terry
Hobe Sound: WOLL 105.5 CC (ex WTPX) "Cool
Oldies"
Holly Hill: WANX 88.1 NO-GE
Holmes Beach: WLDD 98.7 CX CP for 3 kW
Indiantown: WPBZ 103.1 PG> 90 kW, C1
Jensen Bch: WMBX 102.3 OSA for C1, 100 kW
Key Colony Bch: WKYZ 101.3 CC (ex WKKB)
Key Colony Bch: WKKB 105.5 PG> 50 kW, 276 ft.,
XC: 24-41-30 / 81-06-31
Key Largo: WMKL 91.7 LC
La Crosse: WWFX 99.5 CC (ex WBEQ)
Marathon: WKTS 97.7 NO-GE
Melbourne: WFIT 89.5 PC> 4.6 kW, 148', DA
Miami: WFLC 97.3 XG: 25-58-03 / 80-12-34
Murdock: WHHD 89.9 CC (NS)
Newberry: WBXY 100.5 CC (ex WNQF), FC
to hot AC "Star 100.5" (Gainesville)

Florida:

Panama City: WLHR 107.9 CC (ex WDRK) "Lite
107.9"
Panama City: WJTF 89.9 LC
Trenton: WDJY 101.7 adds WW1 country (&)
Vero Beach: WBBE 101.7 CC (ex WAWV) "B101.7"
Vero Beach: WGYL 93.7 FC to ABC a/c (&)

GEORGIA:

Atlanta: WSB 98.5 increase to 1027'
XG: 33-45-33 / 84-20-05
Cordele: WKNN 98.3 PC> 4.2 kW, 279 ft, XC: 31-
55-45 / 83-46-20
Dublin: WAWH 88.3 NO-GE
Jasper: "NS" 88.3 100w, 3 ft., DA
Jesup: WIFO 105.5 NC to 25 kW, 308', DA, C3
La Grange: "NS" 91.9 AF
Lakeland: WHFE 105.9 NC to 19.5 kW, 374', GX
Milledgeville: WLRR 100.7 PA: class A to C3, CL:
Social Circle, GA
Mt. Vernon: WYUM 101.7 NW, CD Country (&) SG
"Sweet Onion Country"
Sparta: WPMA 102.7 CC (NS)
Springfield: WSIS 103.9 CC (ex WSGF)
Toccoa: W220CK 91.9 NS-10w: WLFJ

HAWAII:

Hilo: KCIF 90.3 NW, cont. Christian
Hilo: KANO 91.1 NO-RE
Waipahu: KKHN 102.7 CC (ex KHUL) "Double K
Country"

IDAHO:

Burley: KBSY 88.5 NW, news/talk // KBSX
Burley: KZDX 99.9 FC to modern AC "Buzz"
Hailey: *** 106.7 GA: add class C
Hayden: KHTQ 94.5 FC to rock (Spokane)
Rexburg: KRIC 100.5 PC> 100 kW, 692 ft.
Shelley: "NS" 107.9 NO-GE
Twin Falls: *** 101.7 GA: add class A
Wallace: KQWK 97.5 NO-GE

ILLINOIS:

Cairo: "NS" 88.5 1.5 kW (v), 321 ft. (AFA)
(transmitter will be in Kentucky)
Carbondale: WCIL 101.5 inc. to 387 ft.
Carlinville: WOLG 91.9 CC (ex WCNL) "Our Lady
of Guadalupe"

Charleston: W213AW 90.5 NS-??w: KVCX-SD
Chicago: WRCX 103.5 FC to rhythmic oldies
Decatur: WYDS 93.1 FC to CHR "The Party"
DeKalb: WDKB 94.9 XC: 41-56-57 / 88-53-44
Freeport: WNL 89.1 NO-RE (2nd)
Joliet: WJT 93.5 inc. to 276 ft.,
XC: 41-32-06 / 88-03-15

Kankakee: WAWF 88.3 NO-RX
LaSalle: W212BE 90.3 NS-10w(v), DA: WPCS-FL
LaSalle: WNL 91.3 NO-RE (2nd)
Ramsey: WJLY 93.3 PG< 3 kW, 466 ft, XG: 39-
08-06 / 89-06-02

St.Joseph: WGNJ 89.3 NO-GE (5th)

Sterling: WNL 91.5 NO-GE

INDIANA:

Alexandria: WAXT 96.7 NC to 2.5 kW, 351', GX
(2nd)
Clarksville: WQSH 93.1 NW, modern AC
"She 93.1" (Louisville)
Indianapolis: WFBQ 94.7 PC> 58 kW, 804 ft.
Rochester: W211BC 90.1 NS-170w: WLAB 88.3
Veederburg: "NS" 88.5 AF
Vincennes: WATI 89.9 NW, AFA cont. Christian
PG> 3 kW, 367 ft, XG: 38-41-54 / 87-26-33
W.Terre Haute: WWVR 105.5 FC to classic rock
"The River"
Winamac: WFRI 100.1 no DA, RE (2nd)

IOWA:

Burlington: KORB 93.5 inc. to 318 ft.
Des Moines: KIOA 93.3 PA: class C to C1
Des Moines: KLNQ 89.3 CC (NS)
Emmettsburg: KEMB 100.1 FC to CHR
Keokuk: KRNQ 96.3 NO-RE (5th)
Keokuk: KMDY 90.9 CC (ex KBJK) "Moody
Bible"
Keokuk: KOKX 95.3 NC to 100 kW, 794', C1,
RE (3rd)
New London: "NS" 97.3 6 kW, 108 ft.
Northwood: KYTC 102.7 OSA to C3, 25 kW, 308'
Osceola: KJYC 106.9 GA: to 107.1 - C2
Ottumwa: KTWA 92.7 GA: from C3 to C2
Sibley: KAJQ 100.3 NO-GX
Spencer: KICD 107.7 dec. to 285 ft.,
XC: 43-09-57 / 95-08-46

KANSAS:

Emporia: KAWV 99.5 NW, soft AC "Wave" (&)
Ottawa: KCHZ 95.7 PG> 100 kW, 981 ft, DA,
XG: 39-00-45 / 95-01-46
Plainville: KFIX 96.9 NW, classic rock
Salina: KZBZ 104.9 adds JRN soft AC (&)

KENTUCKY:

Beaver Dam: WKLX 100.7 NO-RE (4th)
Carlisle: WSTL 92.1 QC from 100.7, FC to MGS
cont. Christian (&) (Lexington), now C3, 25 kW,
308', DA, XC: 38-14-23 / 84-11-41, CC (ex
WVCM), SG "Star 92"
Cave City: WPTQ 103.7 CC (ex WHHT), FC to
classic rock (Bowling Green), "The Point"
Georgetown: WXZZ 103.3 PC> 6 kW, 328'
XC: 38-03-56 / 84-29-13
Horse Cave: WHHT 106.7 CC (ex WXPC) FC to
WW1 a/c ("Mix")
Irvine: WCYO 100.7 QC from 106.1, PC< 9.2
kW, 505', XC: 37-39-40 / 84-08-55
Louisville: WFPL 89.3 PC< 21 kW, 774', class B,
XC: 38-21-55 / 85-50-24
Louisville: WFPK 91.9 PC< 6.8 kW, 774 ft, class
B, XC: 38-21-55 / 85-50-24
Madisonville: WKTG 93.9 PC> 35 kW, 584'
Middlesboro: "NS" 90.1 2.5 kW (v), 590', DA



FM NEWS PAGE 4**Kentucky:**

Midway: WAHY 107.9 NW, urban AC "V108", then FC to urban // WTKT "The Beat" (Lexington), adds Tom Joyner

Morehead: WMOR 106.1 QC from 92.1, now C3, PC> 8 kW, 348' XC: 38-10-56 / 83-26-56

Reidland: WZZL 106.7 PG> 4.7 kW, 371 ft, XG: ??-37-05 / 88-37-19

Somerset: WTHL 90.5 PG> 50 kW, DA, C1

Stamping Ground: WKYI 96.1 SI

Valley Str: WRVI 105.9 PC< 1.9 kW, 413 ft, XC: 38-08-13 / 85-56-06

Versailles: WJMM 106.3 PG> 3.7 kW, 420 ft, XG: 38-02-51 / 84-29-57

Wilmore: WVRB 95.3 QC from 105.9, XC: 37-45-55 / 84-38-06

LOUISIANA:

Atlanta: *NS 106.5 6 kW, 328 ft.

Basile: KQIS 102.1 NC to 76 kW, 1105 ft, C1, XC: 30-02-19 / 92-22-15

Blanchard: KRVQ 102.1 NW, oldies "River 102" CC (NS) (Shreveport)

Lake Arthur: KRAW 107.5 NW country "Crawfish"

Leesville: KJAE 92.7 PA: to 93.5 - C3

Maurice: KFXZ 106.3 FC to black gospel

Natchitoches: KZBL 100.7 QC from 95.9, PC> 25 kW, 246 ft, XC: 31-48-17 / 93-01-27

New Iberia: KOOJ 93.7 CC (ex KTBT), FC to oldies "Kool 93.7" (Baton Rouge)

Ruston: KBDJ 99.5 OSA to 99.3 - C3, PG> 15.5 kW, 328 ft, ND

MAINE:

Searsport: WBYA 101.7 FC to talk // WVOM

Thomaston: WBQX 106.9 CC (ex WAVX), FC to classical // WBQQ 99.3 (Augusta)

Winter Harbor: WAKN 97.7 RX denied (station must come on by March 9, 1999)

MARYLAND:

Berlin: WOCQ 103.9 PC> 6 kW

Cambridge: WFBR 94.3 NO-RE (7th)

Morningside: WPGC 95.5 dec. to 485 ft, XG: 38-51-49 / 76-54-40

MASSACHUSETTS:

Athol: WCAT 99.9 CX CP for 2250w, 443', XC

Waltham: WCRB 102.5 PG< 8.1 kW, 1151 ft, XG: 42-18-27 / 71-13-27

Wilmington: WRQR 105.7 QC from 104.5, now class B, PC> 22.5 kW (v), 735 ft, DA

MICHIGAN:

Baraga: WBUM 104.3 LC

Benton Harbor: WYKL 94.9 NW, oldies "Kool-FM"

Crystal Falls: *** 96.7 PA: add class A

Gaylord: WMJZ 95.3 GA: to 101.5 - A

Grand Rapids: WAYG 89.9 CC (ex WBYW), FC to WAY c. Christian (&) "Way FM Grand Rapids"

Ironwood: *NS 88.1 AF (VCY America)

Lapeer: WRXF 103.1 CC (ex WWGZ) "Radio X"

Manistee: WXYQ 101.5 inc. to 262 ft., XC: 44-12-41 / 86-17-53

Midland: W220CG 91.9 NS-12w(v): WPCS-FL

Negaunee: WKQS 101.9 OSA to C2, 12 kW, NO-RE (10th)

Pentwater: WMOM 103.1 NO-GE

DECEMBER 1998

Portage: WRKR 107.7 XC: 42-07-44 / 85-20-22
Rogers City: WVXA 96.7 XG: 45-21-02 / 83-46-58
Traverse City: *NS 91.5 4427w, 708' DA

MINNESOTA:

Alexandria: KIKV 100.7 adds Jones country (&) Caldeonia: KSFF 94.7 CC (ex KHTW) "Soft Hits"

Golden Valley: K214DF 90.7 NS-10w: KLOV-FM
Grand Marais: WTIQ 90.7 NW, variety // KUMD

Hutchinson: KKJR 107.1 PG to 106.9 - C3, 7 kW, 554', XG: 45-02-43 / 94-33-32, CL: Dassel, MN

Madison: KLOP 92.1 PC> 25 kW, class C3
Minneapolis: KBEM 88.5 PC> 2.9 kW, 479 ft, DA, XC: 44-59-44 / 93-11-18

Moose Lake: KBFH 107.1 NO-RE (3rd)

Olivia: KOLV 100.1 adds ABC Real CW (&) Pillager: KBKK 95.9 decrease to 239 ft, XG: 46-15-03 / 94-19-30

Rochester: KMSE 88.7 NW, classical // WCAL
Spring Valley: KQOL 104.3 CC (ex KVGO) "Kool 104"

Starbuck: KAYF 97.3 XG: 45-31-50 / 95-32-51
Superior: KRBZ 102.5 adds Bob & Tom

Worthington: KITN 93.5 FC to country "Kitten"
Worthington: KWOA 95.1 adds ABC a/c (&)

MISSISSIPPI:

Belzoni: WGNG 106.3 GA: from class A to class C3 - Tchula, MS

Bude: *NS 104.3 AF

Clarksdale: WKDJ 96.5 increases to 328 ft.

Columbus: W213AY 91.7 NS-10w(v), DA: WPCS-FL

Houston: WJZB 88.7 NC to 88.9, 7 kW, GE

Jackson: WKXS 96.3 CC (ex WJDX) "Kix 96"

Kosciusko: WZKR 103.3 PA: CL: Decatur, MS

McComb: WAQL 90.5 NO-RE (2nd), PG< 2,750 watts, 390', XG: 31-16-50 / 90-27-05

Tupelo: WZLQ 98.5 FC to hot AC

MISSOURI:

Bolivar: K212DA 90.3 NS-13w: KWND 88.3

Bonne Terre: KDBB 104.3 FC to adult contemp.

Campbell: KFEB 107.5 NW, country

Cassville: KOMC 100.1 NC to 36 kW, 577', GE

Cedar Hill: KNLH 89.5 LC

DeSoto: KDJR 100.1 FC to CNN Headline news

Gordonville: KCGQ 99.3 adds Bob & Tom

Knob Noster: KCVQ 89.7 LC

LaMonte: KPOW 97.1 NW, classic rock "K-Power"

Malden: KMAL 92.9 adds WW1 a/c (&)

Marble Hill: KBGJ 97.3 NO-RE

Mt.Vernon: KHTO 106.7 PG<17.5 kW, 394 ft.

Rolla: KDDA 97.5 FC to Jones soft AC (&)

Salem: KKID 95.9 FC to clas. rock "Outlaw"

Scott City: KGKS 93.9 NW, modern AC "Kiss"

Southwest City: KWMQ 100.3 PC> 6 kW

Sunrise Beach: KCRL 90.3 NW, religion "Life"

Trenton: KTTN 92.3 FC to JRN classic C/W

Versailles: KTKS 95.1 PG> 17 kW, 407', C3

Wheeling: KULH 105.9 NO-GE

**FM NEWS PAGE 5****MONTANA:**

Billings: KCMU 96.3 NW, country "Thunder"

Billings: KBEX 105.1 NO-RX (2nd)

Boulder: *** 107.7 GA: add class A

Bozeman: K212DC 91.1 NS-170w: KLOV-FM

Cut Bank: *NS 102.7 NO-RX

Ennis: *NS 98.7 NO-GE

Stevensville: *NS 104.5 GA: add class A

Whitefish: *NS 105.1 GA: add class A

Wolf Point: KVCK 92.7 FC to oldies

NEBRASKA:

Bennington: KTNP 93.3 PA: from class A to C3

Hastings: *NS 90.9 AF (AFA)

Humboldt: *** 96.7 GA: add class A

Kimball: KBFZ 100.1 LC

Lincoln: KUCV 90.9 QG to 91.1, 20 kW, XG: 40-31-06 / 96-46-06

McCook: KSWN 93.9 NO-GE, adds Steve & DC, LC

Plattsmouth: KOTD 106.9 GA: from class A to C3

Wayne: KTCH 104.9 FC to oldies (&), change expected on November 24th

NEVADA:

Crescent City: K218CS 91.5 NS-93w(v): KUNR

Elko: *** 94.5 GA: add class C3

Ely: KHIX 96.7 PA: to class C - Carlin, NV

Sun Valley: KXXL 93.7 NO-RE (2nd), LC

NEW JERSEY:

East Orange: WFMU 91.1 PC< 1250 w, 515 ft, XC: 40-47-19 / 74-15-20

Manahawkin: WNJM 89.9 NO-RE, PG> 200w (v), 259 ft, XG: 39-41-57 / 74-14-05

Ocean City: WTKU 98.3 PC> 6 kW, DA

NEW MEXICO:

Bosque Farms: KEXT 104.7 dec. to 843 ft, XC: 34-46-12 / 106-51-42

Carlsbad: KBFV 106.1 PG 39 kW, 558 ft, XG: 32-34-22 / 104-05-32

Conchas: K202CX 88.3 NS-41w(v): KENW 89.5

Corrales: KSPA 95.1 PC> 100 kW, 433 ft, C1, XC: 35-04-04 / 106-46-46

Ft.Sumner: K219DP 91.7 NS-120w(v): KENW 89.5

Gallup: KKOR 94.5 dec. to 1246 ft., XC: 35-36-22 / 108-41-26

Grants: KTHR 103.7 inc. to 1358 ft.

Las Vegas: *** 101.5 GA: add class A

Las Vegas: *** 102.9 GA: add class A

Questa: *** 103.7 GA: add class C1

Santa Fe: KLSK 104.1 FC to clas. hits "Eagle"

Taos: KHYF 99.9 NO-RE (3rd)

**104.1
KLSK**

DECEMBER 1998**NEW YORK:**

Babylon: WBAB 102.3 PG> 6 kW

Fenner: W210BH 89.9 NS-10w: WXXC

Fredonia: W203AW 88.5 NS-10w: WCOT 90.9

Glens Falls: WLJH 90.9 NO-GE

Hague: WWFY 93.7 GA: from class A to C3, CL: Addison, VT

Hornell: WSQA 88.7 NO-RE

Johnstown: WSRD 104.9 PG< 570w, 1050 ft, DA, CL: Altamont, NY, XG: 42-37-00 / 74-00-45

L.Ronkonkoma: WSHR 91.9 NC to 6 kW (cir). GE

Lowville: W201CB 88.1 NS-10: WSLJ

Mexico: WVOQ 103.9 CC (ex WNDR)

Mt.Kisco: W205BM 88.9 NS-190w: WMNR 88.1

Penn Yan: W220CJ 91.9 NS-10w: WCIY 88.9

Riverhead: WRCN 103.9 FC to classic hits

Saugerties: *NS 92.9 dec to 289 ft, DA

XG: 41-59-20 / 74-01-08

Stillwater: WQAR 101.3 CC (ex WJK), FC to a/c "Star 101" (Albany)

Syracuse: WNTQ 93.1 XG: 42-56-48 / 76-01-28

Watertown: WCIZ 93.5 FC to classic rock, expect a move to 93.3 soon

Westport: WMEX 102.5 PG> 650w, 295 ft,

XG: 44-13-14 / 73-24-35

Wethersfield Twp: WNUC 107.7 PG> 18 kW, DA

NORTH CAROLINA:

Atlantic Bch: *NS 91.5 dec. to 384 ft.

Hendersonville: WMYI 102.5 PC< 19 kW, 1811 ft, XC: 35-13-20 / 82-32-58

Raleigh: WCPN 89.7 inc. to 1187 ft, DA, C

Roanoke Rapids: WXQD 91.1 CC (NS)

St.Pauls: WUKS 107.7 PC> 5.2 kW, 656 ft, class C3, XC: 34-52-17 / 79-08-49

Wilmington: *NS 89.7 6 kW, 144', DA

Wilmington: WMNX 97.3 adds Doug Banks, inc. to 882 ft, XC: 34-03-00 / 78-04-56

Wilmington: WGNI 102.7 adds Delilah

Wilmington: WHQR 91.3 PC> 13.5 kW, 1932', DA

NORTH DAKOTA:

Beulah: KAVG 97.9 NO-RE

Cavalier: KAOC 105.1 NW, country (&)

Devils Lake: K210CJ 89.9 NS-250w: WAFR-MS

Dickinson: KCAD 99.1 PC> 100 kW, 794 ft.

Fargo: KDSU 91.9 FC to news/classical/jazz

Fargo: *NS 89.5 AF

Grafton: KXPO 100.9 FC to ABC hot AC (&)

Grand Forks: KUND 89.3 FC to news/classical/jazz

Hettinger: *NS 93.5 NO-RE

Mayville: KMAV 105.5 PG> 25 kW, 328 ft, C3, XC: 47-29-57 / 97-21-03

Tioga: *NS 104.1 100 kW, 590 ft.

Walhalla: KAUJ 106.7 LC

Williston: *NS 98.5 100 kW, 794 ft.

OHIO:

Akron: WONE 97.5 XG: 41-03-53 / 83-34-59

Cleveland: WDOK 102.1 XG: 41-22-58 / 81-42-07

Gahanna: WCVO 104.9 PC> 6 kW, 308 ft.

Greenfield: WVNU 97.5 PC> 2.3 kW< 538 ft.

Lancaster: WJZA 103.5 PC< 4 kW, 403 ft,

XC: 39-51-52 / 82-38-19

New Lexington: WWJM 105.9 QC from 106.3

Shelby: WAUI 88.3 NO-RE

Westerville: WEGE 103.9 CC (ex WAXV) "Eagle"

Ohio:

Willard: WHHA 96.9 CC (NS)

OKLAHOMA:

Eufaula: KCES 102.3 NC to 102.5 - C3, 10.5 kW (cir), 505', XC, RE (2nd)

Fairview: K203CS 88.5 NS-48w: KJIL 99.1 KS

Lawton: KMZG 95.3 CX CP for 6 kW, 302 ft.

Lawton: KLAW 101.5 GA: to 101.3 - C1

McAlester: KMCO 101.3 inc. to 617 ft.

Madill: KMAD 102.3 PA: to 102.5 - C2, CL: Whitesboro, TX

Magnum: KHIM 97.7 LC

Perry: KOSB 105.1 CC (ex KVCS) "B105"

Snyder: *NS 100.3 NO-GX

Soper: *** 96.5 GA: add class A (replaces 102.7 - A)

Stillwater: KSPI 93.7 adds JRN adult alt. (&)

Sulphur: KIXO 100.9 QG to 106.1 - A, PC< 2650 watts, 499ft, XC: 34-39-03 / 96-59-24

Tishomingo: KAZC 88.3 LC

Woodward: KMPQ 95.9 NO-RE

**OREGON:**

Cave Junction: K219CL 91.7 NS-10w(v): KAWZ-ID
Cherryville: KLVP 88.7 PC> 3.7 kW (v), 1w (h), 1745 ft., C1, XC: 45-20-01 / 121-42-45

Depoe Bay: KDEP 105.5 NO-GE (2nd)

Hood River: K216EB 91.1 NC-5w: KLOV-FM

Klamath Falls: K218CG 91.5 NS-50w: KLVN

Langlois: K215CS 90.9 NS-10w: KAWZ-ID

Manzanita: *** 94.9 PA: add class A

Sisters: *NS 89.3 AF

PENNSYLVANIA:

Bellwood: WALY 103.9 PG> 380 w, 918 ft, XG: 40-34-01 / 78-26-32

Hollidaysburg: WMXV 104.9 PC> 730w, 905 ft.

Lancaster: WROZ 101.3 PC< 6.7 kW, 1309'

Mansfield: WNBQ 92.3 LC

Phillipsburg: WUBZ 105.9 PG< 710 w, 951 ft, DA, XG: 40-47-34 / 78-10-29

Ridgebury: WREQ 96.9 CC (ex WMKB), RA with MGS - cont. Christian (&) (Elmira, NY)

Warren: W218BF 91.5 NS-13w: WCOT 90.9 NY

Wilkes-Barre: W216BG 91.1 NS-9w(v): WPCS-FL

Youngsville: WTMV 88.5 100w, -335 ft. CC (NS)

SOUTH CAROLINA:

Atlantic Bch: WSEA 100.3 NW, classic rock "Pirate" (Myrtle Beach)

Charleston: WALC 100.5 CC (ex WLCC) "Alice"

Orangeburg: WKSO 103.9 NC to 9.2 kW, GX

SOUTH DAKOTA:

Brandon: *** 100.1 GA: add class A
Dell Rapids: KSOB 95.7 LC
Redfield: KNBZ 97.7 OSA to C1, 100 kW, 561 ft, XG: 45-12-30 / 98-40-20
Wessington Spgs: KGGK 98.3 inc. to 899', XG: 43-45-18 / 98-24-39

TENNESSEE:

Henderson: WHHM 107.7 PC> 25 kW, 308', C3
Memphis: WYPL 89.3 NC to 100 kW, 1302 ft, class C, GE (2nd)
Shelbyville: WBIA 88.3 CC (NS)
Tullahoma: WAUT 88.5 NW, AFA cont. Christian (&)

TEXAS:

Beaumont: KYKR 95.1 NC to 1069', class C, XC, RX
Beaumont: KTCX 102.5 SG "Magic 102.5"
Benavides: KXTM 107.7 NO-RX (5th)
Big Sandy: KBAU 90.7 RA with NPR, smooth jazz (not sure whose running this, as their university, Ambassador, closed in 1997)
Brenham: KULF 94.1 NC to 25 kW, C3, GE
Brownfield: *NS 88.5 LC
Brownsville: KBNR 88.3 NC to 5.5 kW, GE
Center: KDET 102.3 GA: to 100.5 - A
Centerville: KAJG 105.9 NO-GE
Comanche: KOXZ 94.3 NO-RX
Corrigan: *** 100.1 PA: add class A
Cross Plains: *** 96.9 PA: add class C3
Denison: KIKM 101.7 GA: C1 to C, CL: Azle, TX
Devine: KSJL 92.5 CC (ex KTXX)
Dilley: *NS 98.9 NO-RX
Eagle Pass: KINL 92.7 NC to 20 kW, C3, XC: 28-43-57 / 100-29-34
Edna: KGUL 96.1 LC
Fort Worth: KTXQ 102.1 SG "Magic 102"
Franklin: KZTR 101.9 FC to modern AC / top 40 "B102" (Bryan)
Gainesville: KDOS 107.9 CC (ex KECS), NO-GE
Granbury: KDXT 106.7 inc. to 1338 ft, XG: 32-16-31 / 98-01-22
Gregory: KKPW 104.5 LC

Helotes: KONO 101.1 PC< 98 kW, 991 ft.

Hereford: KPAN 106.3 PC> 30 kW, C2

Huntsville: KUST 99.7 NW, country // KVST

Ingram: KTXI 90.1 NW, info & classical (with programming from KPAC and KSTX)

Jacksonville: KLJT 102.3 PA: from class A to C2

Jourdanton: KBOP 95.7 OSA to C3, 12.5 kW, 462 ft.
Killeen: KLNC 93.3 CC (ex KAIZ) "Lonestar County" (Austin)

Leonard: *** 102.5 PA: add class A

Littlefield: KAIQ 95.5 NO-RE (5th)

Lubbock: KLLL 96.3 XG: 33-31-04 / 101-51-23

McCamey: KPBM 95.3 CC (NS), LC

Mineral Wells: K213CS 90.5 NS-250w: KCZO

Navasota: KMBV 92.5 FC to very broad AC (incl. The Knack, Hootie, Grand Funk, etc.) briefly, but then returned to JRN soft AC (&)
New Ulm: KMIA 92.3 NO-GE
Olney: *** 104.3 GA: add class C2
Onley: KRZB 97.5 GA: move here from CL: Archer City, TX

FM NEWS PAGE 7**Texas:**

Rio Grande City: *** 95.1 PA: add class A
Roxton: *** 102.7 XA to add class A
Sterling City: KKCN 96.5 NW, a/c (San Angelo) "Power 96.5"

Tahoka: KMMX 100.3 XG: 33-26-31 / 101-52-40
Tyler: KDOK 92.1 CX CP for 1.6 kW, 449'

UTAH:

Spanish Fork: KOZY 106.5 PC> 45 kW, 2758 ft, C XC: 40-16-50 / 111-56-06

VERMONT:

Brandon: WEXP 101.5 NO-GE
Marlboro: WSSH 101.5 NC to 2.6 kW, 344' XC: 42-53-15 / 72-43-02

Vergennes: WXPS 96.7 PG< 1 kW, 797 ft, CL: Willsboro, NY, XG: 44-24-12 / 73-26-02
White River Jct: WWSH 95.3 CC (ex WKXE)

VIRGINIA:

Bowling Green: WWUZ 96.9 NW, classic hits



Buena Vista: WREL 96.7 NC to 10 kW, B1, RE (10th)

Deltaville: WSRV 92.3 NW, oldies on Jan. 1st

Dillwyn: WBNN 105.3 CC (ex WBCS)

Franklin: W217AY 91.3 NS-13w(v): WJYJ

Petersburg: WVST 91.3 NC to 2.2 kW, GE (4th)

Radford: WNRV 101.7 CC (ex WRIQ)

Richmond: WJRV 105.7 CX CP for 3 kW, 328 ft, XC: 37-30-11 / 77-30-08

Tappahannock: WRAR 105.5 FC to WW1 a/c (&)

Williamsburg: WKLR 96.5 inc. to 453 ft, CL: Ft. Lee, VA, XC: 37-20-22 / 77-24-31

Winsdor: WSVY 107.7 NC to 1.7 kW, 620', RE (3rd)

WASHINGTON:

Chehalis: *** 104.3 GA: add class A

Davenport: KKR 97.3 NO-GE, CC (NS)

Iwaco: *NS 103.9 25 kW, 328 ft.

Moses Lake: K212DB 90.3 NS-250w(v): KAWZ-ID

Olympia: KRX 94.5 noted on the air

Othello: K215CT 90.9 NS-145w(v): KOLU 90.1

Royal City: KRCW 96.3 CX CP for 800 w., OSA for C2, 19.5 kW, 790 ft, XG: 46-45-55 / 119-16-51

Seattle: KIRO 100.7 adds Howie Carr 12pm to 3pm (from WRKO Boston)

Spokane: KNJY 103.9 NC to 1417', XC, C2, GE (5th)

Wenatchee: K204DD 88.7 NS-100w: KLOV-FM

Wenatchee: K207CS 89.3 NS-20w: KAWZ-ID

Yakima: KYPL 91.1 NO-GE

WEST VIRGINIA:

Charleston: W212BD 90.3 NS-10w: KLOV-FM

Elkins: WBHZ 91.9 CC (NS)

Milton: WAMX 106.3 adds John Boy & Billy

Pocatalic: WRVZ 98.7 FC to ABC classic rock (&)

Romney: WDZN 100.1 FC to Disney children's (Cumberland)

West Virginia:

St. Albans: WKLC 105.1 adds Bob & Tom
Westover: WZST 100.9 CC (ex WMQC) "Star 100.9" (Morgantown)

Wheeling: W204BE 88.7 NS-10w(v): WPCS-FL

WISCONSIN:

Eau Claire: WVCF 90.5 PG< 900w, 312 ft.

Madison: WZEE 104.1 PC> 12 kW, 1004 ft.

Madison: WSUM 91.7 NO-GE (2nd)

Mauston: WRJC 92.1 PC> 200w, 571 ft.

Merrill: WMZK 104.1 PC> 24 kW, 617', C2

Portage: WBKY 95.9 NO-GX

Shawano: WOWN 99.3 adds JRN oldies (&)

Shell Lake: WGMO 95.3 FC to ABC standards & talk (&)

Sister Bay: WHDI 89.7 CC (ex WAQB)

Sturgeon Bay: WRGX 88.5 NW, contemp. Christian CC (ex WAZM) (Green Bay)

Whitehall: WHTL 102.3 FC to standards 6-9 am, 11-1 pm, 2-6 pm, ABC country otherwise (&)

Woodruff: W207BC 89.3 NS-170w: WRVM 102.7

WYOMING:

Afton: KUWA 91.3 NW, news, alt., clas. // KUWR Laramie

Casper: KTRS 104.7 CC (ex KYOD), FC to modern AC "Kiss FM", PC. 18 kW, 1811', C1

Casper: KWYY 95.5 CC (ex KTRS), FC to cntry PC> 100 kW, 1870 ft.

Casper: KHOC 102.5 NW, hot AC (&) CC (ex KKRR), "Heart of Casper"

Casper: KMLD 97.3 PC> 18 kW, 1771 ft, C1

Diamondville: *NS 105.3 NO-RE

Green River: KFRZ 92.1 NW, WW1 country "Freeze"

Kemmerer: KAOX 107.3 NO-GE (2nd)

Laramie: K211DM 90.1 NS-250w(v): WPCS-FL

Midwest: KRVK 107.9 NW, classic rock "River"

N. MARIANNA ISLANDS:

Garapan: *NS 101.1 NO-RE

PUERTO RICO:

Aguadilla: WTPM 92.9 XC: 18-18-47 / 67-11-06

Juana Diaz: WCAD-2 105.7 NS-83w

Manati: WNRT 96.9 inc. to 951 ft.

**CANADA****ALBERTA:**

Lake Louise: *NS 93.9 30w, // CKIS 96.9

Peace River: *NS 102.1 8765w, // CKYL

BRITISH COLUMBIA:

Invermere: *NS 97.3 50w, // CKIS 96.9 AB

MANITOBA:

Winnipeg: *NS 95.9 450w, community radio

NEW BRUNSWICK:

Fredericton: CJPN 90.5 wants PG> 1.56 kW, XG

QUÉBEC:

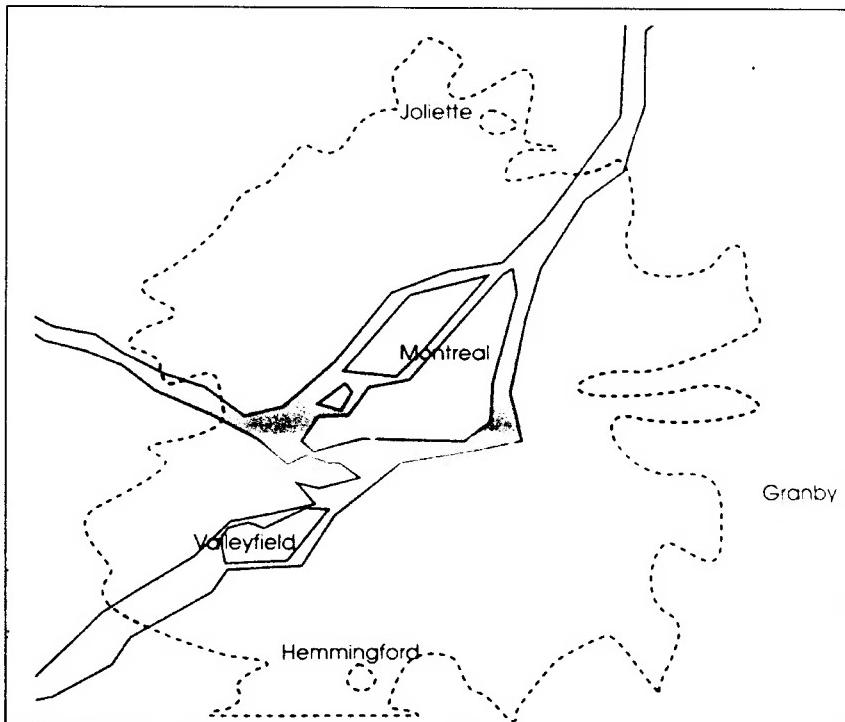
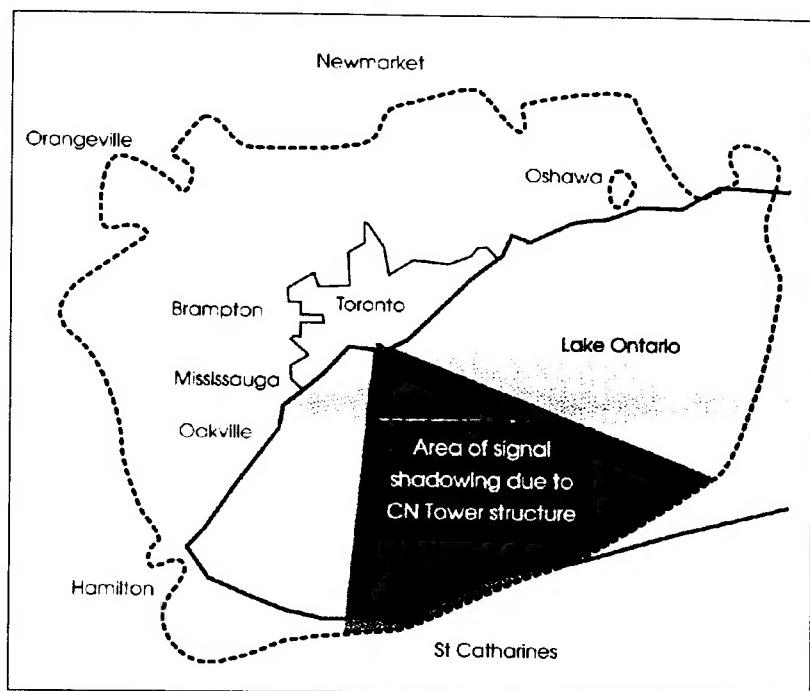
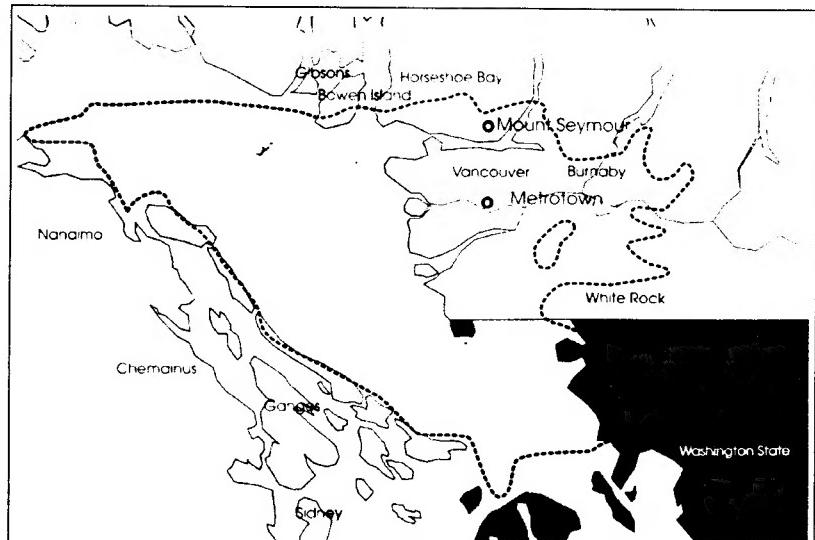
St-Georges-de-Beauce: CHJM 99.7 CC (ex CIRO-FM), FC to French Hot AC
 Trois-Pistoles: CIBM2 104.9 PG> 183 w.
 Trois-Pistoles: CJFP4 ?? wants PG< 42 w.

SASKATCHEWAN:

Saskatoon: CKOM102.1 CC (ex CHSN), FC to gold-based AC "NTR"

PIRATE WATCH:

- PITTSBURGH, PA.** The FCC, with cooperation from the FBI, closed down Mark Lange's "Radio Carson", which operated on 91.7.
 - If you are an FM station that stays silent for too long, eventually the FCC will catch up to you. This month the Commission canceled licenses for KAGJ 89.5 Ephriam, Utah (Snow College), and KYDZ 90.1 Cody, Wyoming (Park County)
- HAPPY HOLIDAYS! Greg

MONTRÉAL**TORONTO****VANCOUVER**

TV NEWS

December 1998

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
w9wi@bellsouth.net

*: Non-commercial station
nc: No Change
+/-: Channel offsets (plus,
z/n: minus, zero, and none)
^: Digital TV station

APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
CA	34^	200	419	Vallejo	KPST [66]	37-45-19	122-27-06
CO	*18^	1000	435	Denver	KRMA [6]	39-43-48	105-14-00
GA	50^	200	578	Bainbridge	WTLH [49]	30-40-51	83-58-21
KY	32^	906	492	Paducah	WPSD [6]	37-11-31	88-58-53
MI	*43^	200	318	Detroit	WTVS [56]	42-26-52	83-10-23
OR	27^	712	508	Portland	KOPB [10]	45-31-21	122-44-46
OR	33^	750	523	Salem	KWBP [32]	45-50-58	?????????

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	Ht./Call	City	Applicant	Latitude	Longitude
AZ	36^	819	534	Mesa	KPNX [12]	33-20-00	112-03-48
CA	40^	18.2	566	San Diego	KNSD [39]	32-41-48	116-56-06
CA	45^	206	446	S. Francisco	KBHK [44]	37-45-19	122-27-06
CT	10^	7.88	342	New Haven	WTNH [8]	41-25-22	72-57-06
DC	27^	75	177	Washington	WEWA [26]	38-53-30	77-07-55
GA	27^	846	332	Atlanta	WAGA [5]	33-47-51	84-20-02
IN	9^	15.9	284	Indianapolis	WISH [8]	39-53-25	86-21-20
IN	25^	898	294	Indianapolis	WRTV [6]	39-53-58	86-12-02
MO	*18^	48	355	Kansas City	KCPT [19]	39-04-59	94-28-49
NC	34^	370	352	Charlotte	WSOC [9]	35-15-41	80-43-38
OH	10^	13.7	280	Cincinnati	WCPO [9]	39-07-30	84-29-56
PA	46^	50	293	Allentown	WFMZ [69]	40-33-52	75-26-24
PA	25^	727	311	Pittsburgh	KDKA [2]	40-29-38	80-01-09
PA	48^	501	289	Pittsburgh	WPXI [11]	40-27-48	80-00-16
WA	39^	603	230	Seattle	KIRO [7]	47-38-01	122-21-20
WA	13^	23.3	936	Spokane	KXLY [4]	47-55-18	117-06-48
WI	20^	50	453	Madison	WHA [21]	43-03-21	89-32-06

New-station permits expired, dismissed, etc.:

St	City	Ch	# permits	St	City	Ch	# permits
CA	Ramona	64	1	WV	Franklin	30	1
WA	Walla Walla	9	1				

APPLICATIONS TO CHANGE EXISTING FACILITIES

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AZ	12-	nc	555	KPNX	Mesa		
FL	14+	27.6	W14CI	Fort Myers			
IN	23z	nc	294	WNDY-TV	Marion		
LA	*13z	nc	nc	KLTM-TV	Monroe	32-11-50	92-04-14
MN	11-	nc	455	KARE	Minneapolis		
MO	5-	nc	327	KSDK	St. Louis		
OR	*10z	nc	526	KOPB-TV	Portland	45-31-21	122-44-46
OR	2n	0.06	nc	KO2NW	Reedsport	43-43-21	124-05-40
PA	23-	700	nc	WATM-TV	Altoona		
SC	43z	0.31	nc	W43BS	Columbia	34-00-04	81-02-05

LPTV DISPLACEMENT APPLICATIONS

St	City	Call	Fm	To	St	City	Call	Fm	To
AL	Dothan	WJJN-LP	69	5z	NM	Gallina	K61BS	61	49+
AZ	Phoenix	K39BI	39	18z	NM	Gallup	K63BD	63	23+
CA	Indio	K63GG	63	8+	NM	Gallup	K67BP	67	46
CA	S.L. Obispo	KCCB-LP	20	50	NM	Santa Rosa	K74BC	74	30+
CO	Alamosa	K63AN	63	31+	NM	Tucumcari	K63BP	63	32
CO	Bayfield	K65CI	65	46+	NV	Las Vegas	K61GV	61	35+
CO	Carbondale	K22CE	22	38	NV	Reno	K25FX	25	33-
CO	Glenwood Sprs	K65CK	65	42	NY	Troy	WNIGN-LP	26	51z
CO	Mt. Massive	K63ET	63	51	OK	Moore	K65GU	65	17z
CO	Woodland Park	K61GX	61	33+	OK	Tahlequah	K45EP	45	52z
FL	Fort Myers	WEVU-LP	7	4	OK	Tulsa	K65GY	65	51
FL	Orlando	W27BB	27	29-	OR	Florence	K60DQ	60	45-
GA	Hinesville	W39BV	39	41-	OR	Heppner	K63BS	63	22z
GA	Savannah	WGSA-LP	38	50z	OR	John Day	K68CB	68	26z
IN	Indianapolis	W53AV	53	65-	OR	Powers	K61EH	61	19z
KY	Corbin	W20AS	20	29	OR	Prineville	K68AE	68	16-
KY	Louisville	W08CT	8	66	OR	Tri-City	K19AD	19	22-
LA	Houma	K30EM	30	60+	SC	Spartanburg	W66CA	66	27
MA	Dennis	W67BA	67	33z	SD	Sioux Fls	K07UP	7	26z
MO	Columbia (1)	K29DM	29	53	TN	Chatt.	WYHB-LP	39	15
MO	Columbia	K61GQ	61	58	TX	Beaumont	K46CM	46	25z
MO	Columbia	K65GI	65	47z	TX	C. Christi	K13WD	13	12z
MO	Columbia (1)	K67GP	67	54z	TX	Laredo	K61GY	61	43-
NC	Asheville	W64CI	64	19-	TX	McAllen	K67HC	67	21z
NC	Roanoke Rpd.	WNVN-LP	20	69z	TX	Round Rock	KHP2-LP	64	15z
NE	O'Neill	K34CU	34	43z	TX	San Antonio	K63GD	63	43
NM	Chama	K69CH	69	34z	TX	San Antonio	K68EI	68	51+
NM	Crownpoint	K65FJ	65	30-	UT	Ogden	KSVN-LP	21	49
NM	Datil	K68EG	68	48-	WA	Grays River	K31FB	31	17+
NM	Forrest	K61AF	61	31-	WI	Milwaukee	WMKE-LP	8	7+

(1) These stations have also applied to change their principal communities to "Washington & St. Louis", MO. (a move of about 200km)

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AZ	34-	0.85		K34EE	Cottonwood		
CA	31^	310	nc	KTIA-DT	Los Angeles		
CO	33+	1.12		K33EW	Woodland Park	38-59-13	105-04-08
HI	*38+	206	573	KAIE	Honolulu		
HI	*44z	206	573	KWEB	Honolulu		
MA	23^	100	332	WHSH-DT	Marlborough		
MD	43-	1.3		W43BP	Cresaptown		
ND	46z	8.7		K46DY	Bismarck		
NE	17z	3890	186	KTVG	Grand Island	40-43-44	98-34-13
NM	35+	31.1		K35FC	Albuquerque		
OK	47z	2500	482	KWHB	Tulsa	35-59-52	95-42-43
OR	24n	nc	nc	KNMT	Portland	45-30-58	122-43-56
UT	24z	nc	246	KAZG	Ogden		
VA	49-	5000	376	WPXV	Norfolk	36-48-31	76-30-13
WI	55z	nc	347	WFXS	Wittenberg	45-03-22	89-27-54

The KNMT [24] change is for the auxiliary backup transmitter. The Honolulu changes are not typos - both stations have applied to change to the same power and HAAT. I strongly suspect these stations are under common control, though they do have different licenses. (both are non-commercial so could be legally commonly owned) W48CI has applied to change its principal community from Ft. Lauderdale, Florida to Miami.

CHANGES GRANTED TO EXISTING FACILITIES

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AZ	45z	4530	nc	KUTP	Phoenix		
CA	49+	7.34		K49DD	Sacramento	38-33-59	121-28-43
CA	53+	nc	nc	K53DO	Sacramento	38-38-53	121-05-51
CA	8+	245	706	KSBW	Salinas	36-45-23	121-30-05
FL	14+	27.6		W14CI	Fort Myers		
FL	10+	nc	307	WPLG	Miami		
FL	35+	5010	nc	WOFL	Orlando		
GA	55+	nc	nc	WSST-TV	Cordele	31-53-35	83-48-18
GA	64-	1148	223	WGNM	Macon	32-45-51	83-33-32
LA	*13z	nc	nc	KLTM-TV	Monroe	32-11-50	92-04-14

CHANGES GRANTED TO EXISTING FACILITIES

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
MB	7z	0.72		CBWIT	The Pas		
MI	31+	2090	nc	WPXD	Ann Arbor		
NV	19z	nc	nc	K19EC	Mapleton	(fm. 19n)	
OR	34z	805	305	KLSR-TV	Eugene	44-00-04	123-06-44
SC	40z	5000	313	WFBC-TV	Anderson		
SC	43z	0.31		W43BS	Columbia	34-00-04	81-02-05
TX	32+	nc	nc	KTAB-TV	Abilene	32-16-38	99-35-51
TX	3-	nc	288	KIII	C. Christi		
TX	56z	4570	457	KETK-TV	Jacksonville	31-54-20	95-05-05

WSST [55]s and KTAB [32]s changes are only corrections; the actual tower heights haven't changed.

LPTV DISPLACEMENTS GRANTED

St	City	Call	Fm	To	St	City	Call	Fm	To
AL	Selma	W24CK	52	24	MN	Park Rapids	K32EW	24	32
AZ	Chloride	K49EU	64	49z	MN	St. James	K30FN	32	30+
AZ	Flagstaff	K35FH	62	35+	MO	Lebanon	K64FO	24	64
AZ	L. Havasu C.	K47FQ	64	47+	MS	Biloxi	W35BM	29	35+
AZ	Miami	K41ER	63	41z	MT	Missoula	K32EU	40	32
AZ	Phoenix	K28FV	68	28-	NC	Durham	WIWW-LP	59	26z
CA	Indio	KDFX-LP	40	33	NM	Gallina	K36FY	65	36
CA	Merced	KMPH-LP	63	17+	NM	Lordsburg	K52FW	61	52+
CA	Stockton	K23EY	21	23z	NM	Portales	K30FM	62	30
CO	Fleming	K44FL	23	44	NM	Ruidoso	K49EW	61	49
CO	Grand Jctn.	K25FZ	16	25+	NM	Tierra Amarilla	K36EU	60	36
CO	Peetz	K20FS	21	20	NV	Hawthorne	K20FR	65	20
CO	Peetz	K26FM	54	26	NV	Walker Lake	K14JY	61	14
CO	Peetz	K28FW	56	28	OK	Tulsa	K29DZ	63	29
CO	Peetz	K30FO	58	30	OR	Cave Jctn.	K47FR	61	47
FL	Inglis	WYKE-LP	49	48	OR	Corvallis	K67HH	14	67-
FL	Panama City	W54CU	68	54z	OR	John Day	K02PK	8	2
FL	Tallahassee	W45BU	17	45z	OR	Portland	K35FG	62	35-
FL	Tallahassee	W56DV	51	56	OR	Redmond	K25GA	18	25
GA	Augusta	W58CZ	65	58-	SD	Wagner	K50FH	55	56
GA	Hazlehurst	W56DU	63	56	TN	Memphis	W44BS	36	44-
GA	Savannah	W57CT	67	57+	TX	Fredericksburg	KHPP-LP	58	44z
IA	Cedar Rapids	K17ET	61	17z	TX	Midland	K40FJ	31	40+
IA	Waterloo	K44FK	65	44-	TX	San Angelo	K44FJ	19	44+
ID	Boise	K31FD	25	31n	TX	Texarkana	K41EQ	52	41-
IL	Alton	W50CH	57	50+	TX	Victoria	KCPV-LP	55	57-
IL	Bloomington	W51CT	64	51	TX	Wichita Fls	K44FI	24	44-
IL	Champaign	W58DA	34	58-	VA	Chesapeake	WITD-LP	65	23+
IL	Sterling	W48CK	61	48-	WA	Clarkston	K49EV	18	49
KS	Lawrence	KUJH-LP	14	45	WI	Bloomington	W22CI	49	22
MI	Kalamazoo	WOK2-LP	38	50+	WI	Grantsburg	W24CL	39	24
MN	Alexandria	K67HI	40	67	WI	Green Bay	W49CB	68	49-
MN	Chandler	K22FL	31	22	WI	Ladysmith	W25CM	63	25-
MN	Chandler	K26FJ	61	26z	WI	Oshkosh	W17CF	34	17z
MN	Chandler	K38FK	63	38z	WI	Waupaca	W68DC	55	66-
MN	Donnelly	K47FS	63	47+	WV	Charleston	W56DT	53	56-

Changes/displacements expired, dismissed, etc.:

St	City	Ch	Call	St	City	Ch	Call
AL	Dothan	23	WJJN-LP <69	NM	Tucumcari	38	K67AI
CA	Redding	50	K34DF	NY	Ellenburg	49	W49BI
CA	San Diego	26	K25DU	NY	Troy	47	WNGN-LP <26
CA	Santa Barbara	41	K19DE	OK	Oklahoma City	21	K65GU
FL	Kissimmee	29	W27BB	TX	Beaumont	25	K46CM
MO	Columbia	43	K54FQ	TX	Corsicana	25	K25FW
NC	Asheville	19	W64CI	TX	McAllen	21	K67HC
NM	Crownpoint	30	K65FJ				

CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CO	33+	1.12		K33EW	Woodland Park	38-59-13	105-04-08
IA	20-	5000	441	KWKB	Iowa City	41-43-28	91-21-07
MD	43-	1.3		W43BP	Cresaptown		
ND	46z	8.7		K46DY	Bismarck		
NM	35+	31.1		K35FC	Albuquerque		
PA	64^	500	390	WPVI-DT	Philadelphia		
TN	19-	7		W19BS	Jackson	35-42-25	88-44-34
TN	59-	6		W59DJ	Memphis		
TX	65+	22		KGBS-LP	Austin	30-19-10	97-49-06

CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
TX	2+	nc	413	KBEJ	Fredericksburg	30-08-13	98-36-35
TX	31n	0.543		K31FA	Hillsboro		
TX	57n	7		K57FE	McAllen		
TX	65-	31.8		K65ES	San Antonio		
VT	54+	9.05		W54CV	Barre	44-10-26	72-36-39
WA	33+	3690	717	KWPX	Bellevue	47-30-17	121-58-05
WI	46z	3090	280	WAZW	Antigo	45-03-33	69-26-10
WI	16-	10.3		W16AY	Whiting		
WI	24-	11.2		W24BV	Whiting		
WI	40z	12.5		W40BC	Whiting		
WI	43+	12.7		W43BK	Whiting		
WI	62-	13.9		W62DA	Whiting		(xW36BP)

W54CV moves from channel 63 (W63CG) at Burlington.

TECHNICAL CHANGES ON THE AIR

St	Ch	Call	City	What happened
CA	4-	KO4NV	Red Bluff	power 194>200 watts, change from zero offset
DC	30z	WMDO-LP	Washington	move from ch. 48, power 35<20.7KW.
FL	32z	WWWB	Lakeland	power 3020>5000KW, tower 271>332m, drop circular polarization
FL	20-	W20AY	Melbourne	power 1.22>12.2KW
MA	66z	WHSH-TV	Marlborough	tower 326>356m, move a few hundred meters west
MI	59z	W59AZ	Rockford	power 1.74>2.31KW, move about 10km northwest, change from no offset, and city from Grand Rapids.
MN	21z	K21AK	Appleton	power 648>1,170 watts, move about 50km north-northwest, change from no offset, and city from Morris.
MN	47-	KXLT-TV	Rochester	power 107>1000KW, tower 104>343m, move about 40km southwest.
NC	52z	W52CW	Charlotte	move from channel 68 (W68BL), power 8.05<7.3KW, move about 18km northeast
NV	23+	K23CJ	Glendale	power 946>1,430 watts; correct coordinates
NY	51z	W51BA	Syracuse	power 13.1>21.8KW, move 3km west.
NY	26-	WNGN-LP	Troy	power 10<9.66KW, change from zero offset, move 20km west, city from Hoosick Falls.
OH	39+	W39CG	Cincinnati	move from ch. 35z (x-W35BA), power 10.4>18.6KW.
OR	46n	K46AS	Coos Bay	power 0.855>14.7KW, move a few hundred meters northwest.
OR	11-	K11SZ	Oakridge	power 69<34 watts, move 5km NW.
OR	33z	K33CJ	Wasco	power 600>1,060 watts, move 17km east-northeast, change from no offset
OR	41z	K41CL	Wasco	same as K33CJ.
PA	8+	WGAL	Lancaster	power 112<110KW, tower 415>418m.
TX	20-	K20BW	San Antonio	power 55.75>57.9KW, correct coordinates.

Victor Frank is seeing K30BI San Francisco on both channels 30 and 28. The signal on channel 28 is rather weak. K30BI is being displaced by KQED-DT and has applied for channel 28 (with the same facilities currently in use on channel 30) but I have no record of this being granted.

NEW STATIONS ON THE AIR OR REQUESTING OPERATING LICENSE

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	19+	10.0		K19DH	Indio	33-48-07	116-13-27
CA	53+	10.0		K53FL	Indio	33-48-07	116-13-27
CA	10z	0.162		K10OG	Lompoc	34-44-25	120-26-42
CA	17+	12.1		K17EF	Lompoc	34-44-25	120-26-42
CA	24+	10.0		K24DM	Oxnard	34-19-52	119-01-20
CA	24-	2.03		K24EJ	S. Luis Obispo	35-21-38	120-39-21

NEW STATIONS ON THE AIR OR REQUESTING OPERATING LICENSE

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CT	28+	1.26		W28CA	Bridgeport	41-09-58	73-13-33
IA	43z	36.9		K43FB	Des Moines	41-35-21	93-32-17
NC	30-	1820	539	WRAY-TV	Wilson	35-49-53	78-09-50
ND	46z	9.52		K46DY	Bismarck	46-49-38	100-46-28
NM	25n	1.23		K25FI	Mora	35-57-39	105-21-13
OH	40-	4170	174	WLMB	Toledo	41-44-41	84-01-06
TX	69n	6.34		K69FW	Clear Lake	29-35-36	95-03-13
TX	57n	7.50		K57FE	McAllen	26-15-23	98-13-43
UT	39n	12.2		K39DH	Ogden	41-09-57	112-00-52
WY	44n	1.02		K44FA	Evanston	41-21-04	110-53-50

STATIONS DELETED/DISMISSED/OFF AIR/ETC.

St	Call	St	Call	St	Call	St	Call
IA	K80AW	MO	K63FY	MS	W69DY	NE	K62FC
KS	KWCV [33]	MS	W58CV	ND	K4IEK	TX	K30DN

K59GC Plainview, TX was not seen during a visit to that city

CALL CHANGES

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch
WSIT-LP	WKRP-LP	Washington, DC	42	W17AI	WDEM-LP	Columbus, OH	17
W32BM	WDMA-LP	Columbus, GA	32	WWLF-TV	WOLF-TV	Hazleton, PA	56
W53BR	WDTA-LP	Columbus, GA	53	WWLF-DT	WOLF-DT	Hazleton, PA	9
KAWJ	KSCC	Hutchinson, KS	*36	WOLF-TV	WSWB	Scranton, PA	38
K65FV	KFAM-LP	Crowley, LA	65	WOLF-DT	WSWB-DT	Scranton, PA	31
KCWB	KCWE	Kansas City, MO	29	K07UP	KCPO-LP	Sioux Fls., SD	-
W12CS	WPRQ-LP	Clarksdale, MS	12	KAO	RTLM	R Gde. C, TX	40
K32AP	KCSI-LP	Windsor, ND	32	"Trans-Guide"	K54FA	San Antonio, TX	54
W18AL	WNDR-LP	Syracuse, NY	18	NEW	WFXS	Wittenberg, WI	55
W60BY	WMBO-LP	Syracuse, NY	60	WKRP-TV	WLWX-TV	Charleston, WV	29

The DTV call changes in Pennsylvania are assumed. This is the first time a call change has been granted to a NTSC station after its DTV permit was applied for.

PROGRAMMING CHANGES

Call:	Location:	Programming:
W15AZ	Alabaster, AL	sold to Birmingham religious school.
KJOI-LP [33]	Bakersfield, CA	VCC shopping.
K32EQ	Fresno, CA	new, A1 (America One); VCC shopping overnight. IDing as KMCF-LP which may be legal calls.
K20CS	Porterville, CA	Knowledge TV; PSN shopping overnight.
WBSV-TV [62]	Venice, FL	Sold to Univision.
K59FM	Iowa Falls, IA	from CNN Headline News to TV Land.
KNN [9]	Caldwell, ID	drops WB, now UPN only.
K17ED	Payette, ID	new, 3ABN.
K65FV	Crowley, LA	relays KAJN-LP [40] Lafayette.
WKBD [50]	Detroit, MI	drops Fox Kids, now UPN only.
W68CH	Detroit, MI	AIN, some local urban programs.
WADL [38]	Mt. Clemens, MI	adds Fox Kids.
W11CF	Whitehall, MI	Outdoor Channel.
K45CA	C. Girardeau, MO	sold to WTCT [27], religious.
KMTF [10]	Helena, MT	Fox? (saw "Fox 10 Helena" on .sig line of Boise engineer)
KTEL-LP [15]	Albuquerque, NM	Telemundo.
K17DD	Albuquerque, NM	3ABN. (not KCHF [11])
KAZQ [32]	Albuquerque, NM	INSPI religion.
K45DL	Albuquerque, NM	VCC. (not religion)
K48AM	Albuquerque, NM	Spanish, sometimes parallel KLUZ [41, Univision] but not 100%.
K59DB	Albuquerque, NM	Spanish music videos, continuous ID "KDBTV59 VIDEOS".
K50DY	Des Moines, NM	translator of KCIT [14], Fox/UPN.

PROGRAMMING CHANGES

Call:	Location:	Programming:
W51BA	Syracuse, NY	new, WPCB [40] (religion, PIN home shopping).
W23BP	Watertown, NY	from Sci-Fi Channel to Bloomberg.
WBQZ-LP [34]	Watertown, NY	America's Store (HSS).
W39CG	Cincinnati, OH	Toledo, OH new, Pax.
WLMB [40]	Toledo, OH	K42CC Sioux Falls, SD noted with test pattern.
KBNW-LP [44]	Sioux Falls, SD	K53EG Sioux Falls, SD noted with test pattern.
K53EG	Sioux Falls, SD	IDing as "KSCB", religious.
XHMTA [11]	Matamoros, TM	from Azteca 7 to Azteca 13 (XHDF).
XHOR [14]	Matamoros, TM	from Azteca 13 to Azteca 7 (XHIMT).
K35CG	Bovina, TX	K25CQ Childress, TX translator of KCIT [14], Fox/UPN.
K57FE	McAllen, TX	K44DA Plainview, TX new, "Praise TV" videos.
K40DA	Plainview, TX	K60BW Quitaque, TX Telemundo. (not KJTV, translator of KCIT [14], Fox/UPN.
K48BI	Richmond, VA	K48BI Richmond, VA sold to ValueVision.

OTHER STUFF & FORUM

Thanks to Bill Eckburg, Victor Frank, Frank Aden, Dennis Smith, John Ebeling, Fernando Garcia, Pat Dyer, Jeff Kadet, and Keith Smith for information appearing elsewhere in this month's column. Note the "fake calls" for the new Fox LPTVs in the Youngstown, Ohio market. (William Hepburn's ETVDX report, page 48 of the November VUD) W62BT is signing "WYFX", and W40AM as "WLFX". These call changes are not official. (at least not yet)

Fernando is seeing two new stations with unID color bars. He believes the one on channel 62 to be Ciudad Hidalgo, and the one on channel 64 to be from Sabinas Hidalgo. Both towns are in Nuevo Leon - the latter about 250km south of Laredo, Texas. (I can't find Ciudad Hidalgo on my map)

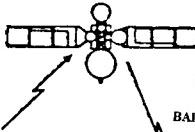
Jeff Kadet wondered why he'd never seen K80AW Dubuque, still listed in the FCC database. He emailed KWWL [7], K80AW's primary, and got an answer from their VP of Engineering Jim Ohmstede. Ohmstede wrote: "In 1979 KWWL and KCRG needed to relocate the receive/transmitting tower (I presume the translator tower(s)) and replace some very undependable equipment. It was determined that continued operation of the translators provided very little benefit and translator operation for both stations was discontinued." No translators of KCRG are listed in the FCC database. It looks like the FCC forgot to remove K80AW. Jeff also says new KFPX [39] is a pest on channel 45 at his location - K44AB Keokuk, Iowa picks up K38AB, and also puts out KFPX one channel up.

Dennis Smith has a bunch of good California LPTV info this month. He's also noting KADY [63] Ventura carrying news broadcasts produced by KEYT [3]. All "Key News" shows, whether airing on channel 3 or channel 63, are also simulcast on KEYT Radio, 1250AM. (formerly KTMS) On a similar vein, Dennis saw promotions for KJEO [47] newscasts airing on KGMC [43] Clovis/Fresno. Finally, on this subject, KSBY [6] has been promoting its news as available on 87.7 FM. Actually, all channel 6 TV stations can be heard on 87.75FM, if your radio will tune that low.

I visited New Mexico in mid-November. Don't move to Albuquerque if you enjoy VHF/UHF DX; the city is in a deep valley - and is surrounded by strong locals. I think I saw more local TV signals there than I do in Chicago! In Hobbs, KHFT [29] was not seen. KASY [50] is on cable there, and the KASY ID reads "Albuquerque - Hobbs" (they most certainly don't cover both cities with one transmitter!) but doesn't include the KHFT calls. On the other hand, I heard an ad for KASY on a Hobbs radio station, and it mentioned "UHF channel 29". By the way, KASA [2]'s radio ads in cities outside Albuquerque also include a brief voice-over of the local UHF (translator) and cable channels. Also in Hobbs, I saw a mystery KOAT [7] translator somewhere around channel 58.

John Ebeling sent an item about the possible shutdown of the Grand Marais, Minnesota translators. (K63BI/K65BJ/K67CT) I hope to have room to use it next month

SATELLITE NEWS



GEORGE W JENSEN
4604 ANNATTA AVE
BALTIMORE MD 21206-4220

And now for the shortest column of the year. At least as of this writing - November 11th. It has certainly been a year of many changes and additional services with the coming of the compressed video of the 4DTV receiver. The only thing that could enliven things for the next column would be problems created by the November Meteor Shower. We'll see next time. Now to the few changes.

Galaxy 1

24 - Golden Eagle Broadcasting - relegious
Morelos/Solidaridad - still confusion as to who is who
here - 16 - Clara Vision strong
8 - feeds - including something called CNN Reforma
14 - feeds
13 - Teleton - now highly spor beamed away from me

Anik E2 - Ku
280 - CTV Sports Net - PPV

Spacenet 4
16 - Pax Net

Telstar 5 -

800 - BET On Jazz - International

970 - Adam and Eve

971 - Spice these were on Telstar 4
972 - Hot Spice

PanAmSat 5

702 - Mundo Ole

additional comp. dig channels have been added -

720 - 729 - unknown providers as yet..

Intelsat 8??

the Colombian feeds - comp. video 4DTV - are slowly being closed. e.g. - encrypted

And that folks - believe-it-or-not is it.

Have a Merry Christmas. Happy New Year, Happy Hannukah.

73's
George



VALUEVIEW

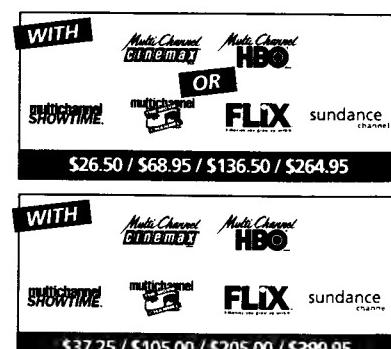


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FM SCOREBOARD

Fred Nordquist
7945 Boxford Rd
Clay, NY 13041-8606
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DECEMBER 1998

FNAME	LNAME	LOCATION	TOTAL	88-92	ES	MS	AU	USA	DC+	DC	CH	MX	FO	TPU	YB	AS OF:	DATE	
PAT	DYER	TX SAN ANTONIO	3037	471	2485	78	0	44	+	1	4	22	6	77	06	03/09/97	98	
FRANK	MERRILL	IL MACOMB	2636	450	1181	10	8	48	+	1	8	8	3	68	05	02/20/95	96	
KEITH	PUGH	AL NEW HOPE	2380	382	1324	106	18	47	+	1	7	14	6	75	83	02/20/95	96	
GREG	CONIGLIO	NY WILLIAMSVILLE	2107	341	1112	18	32	41	+	1	8	2	5	57	85	02/08/96	98	
ANDY	BOLIN	IL CHARLESTON	2059	331	798	103	286	45	+	1	7	5	3	81	01/04/81	81		
DANNY	BUNTIN	OK STILLWATER	2051	346	1218	4	0	48	+	1	5	9	2	65	74	04/08/96	98	
JOSEPH	FELA	NJ S. PLAINFIELD	2032	429	1123	2	10	38	+	1	6	0	3	48	88	05/19/98	98	
JOHN	EBELING	MN BLOOMINGTON	1963	337	1065	58	68	48	+	1	7	5	0	61	52	01/01/96	98	
MIKE	BUGAJ	CT ENFIELD	1941	258	1076	25	23	37	+	1	6	1	3	48	74	12/31/97	98	
BRUCE	ELVING	MN ESKO-DULUTH	1845	348	1406	9	8	47	+	1	4	2	0	54	48	05/05/97	97	
FRED	NORDQUIST	NY CLAY	1783	378	885	49	58	42	+	1	5	0	3	51	69	08/31/98	98	
JOHN	EBELING	MN PROSIT	1685	341	1047	4	6	48	+	1	9	2	0	60	75	01/01/98	98	
JOHN	ZONDLO	OK YUKON	1588	302	892	2	0	42	+	1	5	10	0	58	79	01/01/98	98	
MIKE	HAWK	NE OMAHA	1588	312	955	30	0	47	+	1	6	4	0	58	91	07/30/95	95	
RICHARD	SHAFTAN	NJ SPARTA	1558	227	737	27	0	38	+	1	6	0	1	47	78	06/11/96	98	
DAVID	NIEMAN	NY AKRON	1512	409	467	53	27	43	+	1	8	0	3	55	59	11/07/93	93	
BOB	SEYBOLD	NY DUNKIRK	1508	324	861	0	2	45	+	0	8	3	3	59	58	06/15/97	97	
JOHN	JEFFERSON	CA DIABLO REGION	1377	310	784	182	1	30	0	0	4	7	0	41	74	01/01/97	97	
BOB	SMOLAREK	NJ OLDWICK	1342	208	852	2	4	38	+	1	4	0	3	44	78	02/19/97	97	
FRED	MCCORMACK	ND FARGO	1339	305	990	3	52	48	+	1	6	3	0	58	74	08/03/90	90	
SAUL	CHERNOS	ON BURNT RIVER	1319	272	759	42	81	38	+	1	8	0	1	48	77	08/12/94	94	
JIM	PIZZI	NM LOVINGTON	1313	185	1044	27	0	38	+	0	5	20	3	86	81	03/04/85	85	
FRED	MCCORMACK	ND DES LACS	1110	145	803	26	87	44	+	1	6	4	0	55	65	04/09/88	88	
DANIEL	OETTING	PA PHOENIXVILLE	1048	258	381	13	2	36	+	1	7	0	1	45	77	06/12/98	98	
CARLON	HOWINGTON	FL ST PETERSBURG	1002	0	0	0	0	0	0	0	0	0	0	13	53	87	12/01/98	99
DAVID	NIEMAN	NY ROCK CITY	995	227	169	15	1	37	+	1	5	0	0	43	91	06/16/98	98	
STEVEN	WISEBLOOD	TX BROWNSVILLE	852	183	361	5	0	32	0	0	9	7	0	48	92	07/13/94	94	
RON	LEBLANC	LA MARRERO	843	129	452	2	0	39	+	1	3	5	6	54	71	11/29/77	77	
ALAN	MICHALEK	MA SPRINGFIELD	812	106	495	0	0	36	0	0	5	0	0	42	52	10/01/90	90	
D BRUCE	HALL	MD BRANTFORD	800	132	153	16	2	40	+	1	6	1	3	51	90	07/20/94	94	
GARY	SIEGEL	OH TOLEDO	800	171	180	0	0	33	+	1	6	2	1	43	76	04/20/97	97	
RICHARD	STEINBERGER	MA HUDSON	797	175	345	13	6	35	+	1	5	0	0	41	58	12/31/97	98	
ROBERT	ROSS	ON LONDON	760	214	308	0	0	34	0	0	7	0	2	43	76	07/27/92	92	
JOHN	TUDENHAM	MO JOPLIN	759	134	192	1	0	43	+	1	3	2	0	49	81	07/10/96	96	
JOHN	JEFFERSON	CA ANTIOCH	710	172	358	43	1	21	0	0	4	4	0	29	88	11/14/92	92	
GEORGE	GREENE	OH AKRON	706	54	234	0	0	33	+	1	3	0	0	37	71	03/09/91	91	
DOUG	SMITH	TN PLEASANT VIEW	701	140	164	0	0	35	0	0	4	0	3	51	94	07/04/98	98	
BILL	NOLLMAN	CT NORWICH	688	83	264	20	0	35	+	1	5	0	0	41	81	11/04/88	88	
MIKE	JEZIORSKI	FL CRESCENT BEACH	626	116	285	0	0	38	+	1	3	1	4	45	93	06/05/96	96	
JEFF	KADET	IL MCCOMB	609	114	55	4	0	32	+	1	3	0	0	36	83	09/28/83	83	
JOSEPH	SMITH	NY JONTHON CITY	605	80	185	0	0	34	+	1	2	0	1	38	71	04/20/84	84	
LARRY	MEADE	IL CHICAGO	459	85	85	6	0	23	0	0	2	0	0	25	79	09/05/92	92	
JIM	AYERS	TN MURFREESBORO	448	73	18	1	0	27	0	0	1	1	0	29	81	02/12/94	94	
ERIC	BUENEMAN	MO HAZELWOOD	420	81	115	0	0	38	+	1	3	1	0	43	92	08/31/98	98	
SAUL	CHERNOS	ON TORONTO	399	103	82	0	0	21	0	0	1	1	0	0	23	77	08/12/94	94
PETER	GEORGE	MA STOUGHTON	394	94	149	20	2	36	+	1	5	0	0	42	67	07/05/95	95	
GUS	MANCUSO	MD HYATTS	377	71	68	0	0	28	0	0	1	0	0	0	27	72	08/10/97	97
THOMAS	YINGLING	MD BALTIMORE	360	54	144	1	0	33	0	0	4	0	1	39	71	12/26/86	86	
WILLIAM	HEPBURN	ON BRAMPTON	309	183	83	1	8	21	0	0	2	0	1	24	85	11/10/91	91	
PAUL	MOUNT	NJ HONMOUTH	307	48	21	0	0	20	0	0	1	0	0	21	90	08/24/92	92	
JIM	RENFREW	NY ROCHESTER	282	70	51	0	0	20	0	0	1	2	0	0	23	76	07/10/82	82
JIM	THOMAS	CO FORT COLLINS	261	35	129	8	0	24	0	0	3	1	0	26	89	02/06/96	96	
ERIC	FADER	NY BAYSIDE	257	53	15	74	0	16	+	1	1	0	0	18	74	08/24/79	79	
RONALD	PURDUE	MN BYRON	188	3	85	0	0	20	0	0	1	0	3	24	81	06/30/84	84	
KEN	ONYCHUK	IL STEGER	186	38	0	0	0	7	0	0	0	0	0	7	68	08/20/94	94	
SHEL	REMINGTON	HI KEAAU	135	10	0	1	0	2	0	0	0	0	1	0	3	88	05/02/94	94
ROBERT	GRANT	MI DETROIT	106	20	21	0	0	12	0	0	1	0	0	0	13	71	07/01/97	97

FM SCOREBOARD COLUMN DEFINITIONS: are as follows: Total = Total number of FM stations logged from Dxer's location (All loggings should be received within 25 mile radius of this location to count). Frequency changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes. 88-92 = All stations logged from 88.0 to 91.99 MHz. ES = Total number of stations logged by E-skip. MS = Total by meteor scatter. AU = Total via Aurora USA = Total number of states and the "+" = Washington DC. CN = Number of Canadian provinces logged. MX = Number of Mexican states logged. PO = Number of foreign countries, but not Canada/Mexico. TPU (Total number of political units) = Sum of USA CN MX and FO. YB = The year you began Dxing from a specific Dxer's location. Other groundrules for computing log totals are included in VUD issue 05/97 Note: Now is the time to update and submit your latest stats to keep up to date on the Scoreboard. Also submit any distance records, states stats and personal best statistics. Send via email (text or EXCEL files are okay) or by postal mail. Text files or hard copy printouts of personalized DX distances covering >6000 FM/TV city of licence locations in the Americas north of the equator, with choice of miles and/or kilometers. are available by email (no charge) or by postal mail (\$2.00 donation to cover printing/postal expenses) Include your DX location and grid coordinates with your order. 73 . Fred.

STATISTICS

TV SCOREBOARD

DECEMBER 1998

FM STATISTICS
AS OF: 11/15

FNAME	LNAME	LOCATION	TOTAL	UHF	LPTV	ES	MS	AU	USA	DC+	CN	MX	FO	TPJ	YB	AS OF	UPDATE
JEFF	KADET	IL MCCOMB	1668	1155	803	256	3	0	45	+	7	12	7	72	83	11/29/97	97
BOB	SEYBOLD	NY DUNKIRK	1406	818	242	224	30	6	49	+	7	3	5	65	50	02/20/96	96
FRANK	MERRILL	IL MACOMB	1390	887	393	247	21	0	45	+	7	12	3	68	85	02/19/97	97
WILLIAM	DRAEB	WI KEWAUNEE	1131	580	91	210	113	1	43	+	7	2	1	54	53	07/08/93	93
FERNANDO	GARCIA	IL MONTERREY	756	512	201	111	0	0	31	0	8	5	44	91	12/31/95	97	
GARY	SIEGEL	OH TOLEDO	659	317	55	154	0	0	39	+	6	2	2	50	70	04/20/97	97
ROY	BARSTOW	MA TEATICET	649	405	140	128	40	1	37	+	7	0	2	47	71	09/01/98	98
MIKE	LAPINSKI	NY JAMESTOWN	581	409	77	70	1	0	37	+	6	0	3	47	73	04/23/93	93
WILLIAM	HEPBURN	ON BRAMPTON	577	379	78	115	1	0	37	+	7	0	1	46	85	07/09/98	98
DAVID	NIEMAN	NY ROCK CITY	577	425	95	55	0	0	37	+	5	0	0	43	91	06/16/98	98
DAVID	NIEMAN	NY AKRON	556	366	77	90	5	0	37	+	7	0	0	45	84	03/01/94	94
RUSS	MILLER	ME N AMITY	537	288	123	112	86	0	33	+	7	0	3	44	94	01/01/98	98
DANNY	OGLETHORPE	LA SHREVEPORT	494	203	43	162	3	0	38	+	4	18	2	63	94	12/19/97	97
PAT	DYER	TX SAN ANTONIO	488	155	13	199	64	0	42	+	5	18	5	71	58	12/31/95	96
JEFF	KRUSZKA	LA BATON ROUGE	474	299	74	88	0	0	34	1	8	3	47	93	06/09/98	98	
GREG	CONIGLIO	NY WILLIAMSVILLE	448	271	43	93	0	0	35	6	0	2	43	88	02/09/98	98	
RICHARD	SHAFTAN	NJ SPARTA	426	222	40	122	0	0	37	+	6	0	1	45	81	06/06/98	98
FRED	NORDQUIST	NY CLAY	408	281	47	78	3	0	36	+	6	0	1	44	69	11/14/98	98
TOM	BRYANT	TN NASHVILLE	383	184	18	78	3	0	30	4	4	1	39	64	09/18/93	93	
DOUG	SMITH	TN PLEASANT VIEW	341	233	38	37	1	0	34	2	2	1	34	94	07/04/98	98	
ERIC	BUENEMAN	MO HAZELWOOD	262	197	12	34	0	0	28	+	4	1	0	33	92	03/19/98	98
CHRIS	HANLEY	IL GALESBURG	210	108	10	60	0	0	28	6	0	1	35	88	08/09/95	95	
JOHN	JEFFERSON	CA ANTIOSH	206	106	-	75	1	0	16	4	4	0	24	74	01/07/97	97	
BOB	SMOLAREK	NJ OLDWICK	186	116	15	20	0	0	25	+	0	0	0	26	85	01/01/94	94
RANDY	MILTIER	OR ASHLAND	126	38	2	70	2	0	16	3	3	0	22	68	06/28/97	97	
DANNY	BUNTIN	OK STILLWATER	123	90	6	6	0	0	22	2	0	0	24	77	03/01/94	94	
PAUL	MOUNT	NJ MONTMOUTH	95	67	5	2	0	0	12	+	0	0	0	13	98	08/24/92	96
JIM	RENFREW	NY ROCHESTER	92	35	4	34	0	0	17	3	0	0	20	89	04/01/93	93	
RICHARD	STEINBERGER	MA HUDSON	91	51	5	6	0	0	14	1	0	0	15	60	12/31/97	98	
MIKE	HAWK	NE OMAHA	82	48	7	5	0	0	11	2	0	0	13	91	07/29/95	95	
SHEL	REMINGTON	HI KEAAU	11	2	2	0	0	0	1	0	1	0	2	93	05/02/94	94	

TV STATISTICS			AS OF: 11/15			STATES STATS					
PU	# DXER	# DXER	PU	# DXER	# DXER	PU	# DXER	# DXER	PU	# DXER	# DXER

USA	USA	USA(Cont)	CANADA	CANADA	MEXICO						
AL	54	JKA- 49 FGA-	MT	9 FME1	8 JKA-	AT	9 JKA-	3 FME1	AGU(AG)	1 DOG-	0 None
AK	0	None	NE	59 JKA-	43 FME1	BC	1 FWH-	1 RMI1	BCN(BN)	2 FGA-	2 PDY-
AZ	6	JKA- 5 PDY-	NV	3 FGA-	3 PDY-	MB	10 FME1	7 JKA-	BPCS(BS)	1 DOG-	
AR	49	JKA- 26 FME1	NH	12 RBA-	11 RST1	NB	40 RM12	11 RBA-	CAM(CE)	0 None	0 None
CA	55	RMI1 7 PDY-	NJ	22 RBA-	16 RSM-	NF	8 RBA-	6 WHE-	CHP(CH)	5 JKA-	2 FGA-
CO	25	JKA- 17 FME1	NY	5 JKA-	5 PDY-	NS	55 RM12	31 RBA-	CHI(CI)	5 JKA-	4 FME1
CT	23	RBA- 12 RSM-	NY	96 DNI-	91 FNO-	ON	102 WHE-	84 DNI-	COA(CL)	10 FGA-	4 JKA-
DE	7	RBA- 5 RSM-	NC	42 RBA-	25 FGA-	PEI	31 RM12	2 RBA-	COL(CY)	1 JKRI	0 None
FL	117	FGA- 20 DSM-	ND	10 JKA-	7 FME1	PQ	62 RM12	19 DNI-	DF (DF)	2 PDY-	1 JKRI
GA	46	FGA- 39 JKA-	OH	89 JKA-	77 FME1	SK	17 FME1	16 JKA-	DUR(DU)	0 None	0 None
HI	10	SRE1 0 None	OK	61 JKA-	46 FME1	NT	2 WHE6	1 WHE7	GTO(GN)	1 JKA-	1 JKRI
ID	6	FME1 4 PDY-	OR	1 PDY-	1 RM11	YT	0 None	0 None	HGO(HD)	3 FGA-	2 PDY-
IL	88	JKA- 81 FME1	PA	80 DNI1	58 WHE-						
IN	72	JKA- 64 FME1	RI	8 RBA-	7 RM12	FOREIGN(AMERICAS)	JAL(JA)	4 DOG-			
IA	80	JKA- 70 FME1	SC	23 FGA-	23 RBA-	CUBA	12 FGA-	7 FME1	MEX(MC)	0 None	0 None
KS	43	JKA- 38 FME1	SD	26 JKA-	24 FME1	D.REP	1 JKA-	1 FME1	MIC(MH)	0 None	0 None
KY	41	FME1 39 JKA-	TN	55 JKA-	46 FME1	EL SA	2 FGA-	2 PDY-	MOR(MR)	0 None	0 None
LA	70	JKA- 62 FGA-	TX	127 FGA-	122 DOG-	GUATE	1 FGA-	1 PDY-	NAY(NA)	0 None	0 None
ME	31	RM12 24 RBA-	UT	4 JKA-	4 DOG-	HONDU	2 FGA-	0 None	NL (NL)	13 FGA-	6 PDY-
MD	16	RBA- 16 DN11	VT	14 RBA-	10 RM12	NICAR	1 PDY-	1 FGA-	OAX(OX)	2 PDY-	1 DOG-
MA	35	RBA- 29 RST1	VA	60 RBA-	19 DN11	PURT	1 JKA-	0 None	PUE(PU)	1 PDY-	1 JKRI
MI	82	JKA- 71 FME1	WA	4 JKA-	3 FME1	VENEZ	1 GCO-	1 RM12	QUE(QT)	1 PDY-	1 FME1
MN	155	JKA- 73 FME1	WI	18 FME1	17 JKA-	TRINI	1 RM12	0 None	QUI(QU)	1 JKA-	1 DOG-
MS	33	JKA1 31 FGA-	WI	67 JKA-	60 FME1	PR	2 RM12	0 None	SLP(SL)	0 None	0 None
MO	75	JKA- 56 FME1	WY	4 JKA-	4 FME1	FOREIGN(OTHER)	SIN(SN)	2 DOG-	1 PDY-		
	DC	13 GMAs	12 RBA-	AUSTR	1 JKA-	1 FME1	SON(SO)	3 PDY-	2 DOG-		
				FRANC	1 WHE5	0 None	TAB(TB)	2 PDY-	1 DOG-		
				SWED	1 JKA-	0 None	TAC(TZ)	0 None	0 None		
				UK	2 WHE5	0 None	VCZ(VZ)	4 PDY-	3 DOG-		
				USSR	1 JKA-	0 None	YUC(YU)	5 FGA-	3 PDY-		
						ZAC(ZA)	1 JKA-	1 JKRI			

FM STATES STATS
AS OF: 11/15

STATES STATS

PU	# DXER	# DXER	PU	# DXER	# DXER	PU	# DXER	# DXER	PU	# DXER	# DXER

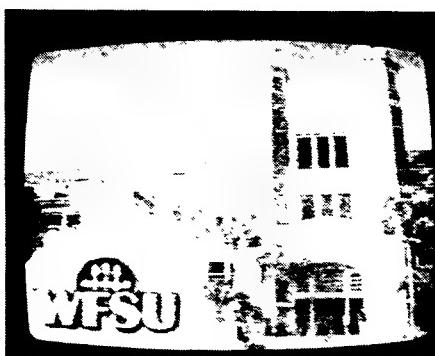
USA	USA	USA(Cont)	CANADA	CANADA	MEXICO						
AL	163	KPU- 60 JEB-	MT	30 JJE2	28 JEB2	AB	30 JJE2	30 JEB2	AGU(AG)	1 JPI-	0 None
AK	11	JJE3 0 None	NE	80 MHA-	56 FME1	BC	20 JJE2	11 JEB2	BCN(BN)	18 PDY-	10 FMC-
AZ	55	PDY- 39 JJE2	NV	30 PDY-	24 DBU-	MB	15 FMC-	13 RST1	BPCS(BS)	1 JZD-	
AR	66	JFE- 58 JTU-	NH	41 RST1	28 MBU-	NB	11 FME1	9 RST1	CAM(CE)	2 KPU-	1 SW11
CA	428	JJE2 143 PDY-	NY	93 JFE-	83 RSM-	IF	13 JFE-	13 DNI1*	CHP(CH)	5 PDY-	0 None
CO	85	KPU- 68 PDY-	NM	69 KPU-	55 RST-	NT	1 WHE2	1 JEB2	CHI(CI)	13 FME1	9 MHA-
CT	69	MBU- 43 JFE-	NY	253 FNO-	201 RSH-	NS	15 FME1	13 RST1	COA(CL)	12 KPU-	12 FME1
DE	21	DOE- 19 JFE-	NC	94 PDY-	74 JEB-	ON	133 DNI-	131 GCO-	COL(CY)	0 None	0 None
FL	191	MJE- 190 FME1	SD	43 FMC-	34 FMC2	PEI	3 RST-	2 JFE-	DF (DF)	20 PDY-	
GA	131	KPU- 125 PDY-	OH	259 RST-	177 FME-	PQ	31 DNI-	29 GCO-	CUR(COU)	1 PDY-	0 None
HI	29	SRE1 0 None	OK	146 JZO-	141 DBU-	SK	12 FME1	10 JJE2	GTO(GN)	9 JPI-	1 PDY-
ID	30	PDY- 28 DBU-	OR	31 JPI-	29 FMC2	YT	0 None	0 None	GRO(GR)	8 PDY-	1 JPI-
IL	261	FME1 249 RST-	PA	198 DNI1	157 DOE-						
IN	247	RST- 132 DBR-	RI	16 WNO-	16 RST1*						
IA	129	JFE- 89 PDY-	SC	78 PDY-	55 JEB2	CUBA	6 RST-	6 KPU-	MEX(MC)	4 PDY-	3 JPI-
KS	107	DBU- 102 JZO-	SD	48 KPU-	41 PDY-	BELIZ	3 PDY-	3 KPU-	MIC(MH)	3 JPI-	2 PDY-
KY	144	RST- 85 PDY-	TN	165 KPU-	108 DSM1	BERMU	3 DNI-	3 GCO-	MOR(MR)	5 PDY-	3 JPI-
LA	80	JFE- 73 GCO-	TX	359 PDY-	260 RST-	EL SA	8 PDY-	8 WHE1	NAY(NA)	1 PDY-	0 None
ME	48	RST1 41 KPU-	UT	36 PDY-	25 FME1	GUATE	23 PDY-	5 WHE1	NL (NL)	20 SW11	20 PDY-
MD	64	JFE- 56 DOE-	VT	23 MBU-	20 KPU-	HONDU	6 PDY-	5 WHE1	OAX(COK)	1 JPI-	1 PDY-
MA	108	RST1 96 MBU-	VA	75 JFE-	57 DOE-	JAMAI	29 KPU-	0 None	PUE(PU)	6 PDY-	0 None
MN	243	JEB2 237 JEB-	WV	68 GMA1	43 RST-	PUERT	5 MJE-	0 None	OLE(GT)	1 PDY-	0 None
MS	96	KPU- 69 JFE-	WI	144 JEB-	143 BEL2	BAHAM	2 KPU-	1 DSM1*	SLP(SL)	2 KPU-	0 None
MO	169	FME1 134 JTU-</td									

PHOTO-NEWS

Jeff Kruszka, Editor
5024 S. Braxton Ave.
Baton Rouge, LA 70817
JTKruszka@worldnet.att.net

December 1998

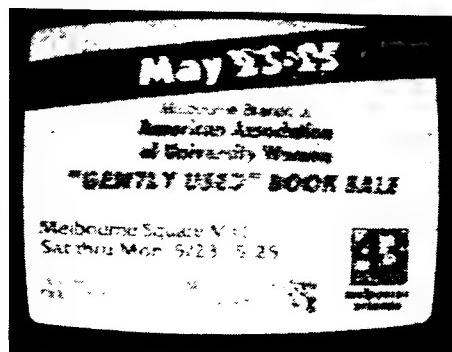
The last of Danny's photos from the month-long May opening (Danny Oglethorpe, Shreveport, LA):



WFSG-56 Panama City, FL
502 mi Tr seen 5/22/98
@2359 CT
"/WFSU-11"



XHOR-14 Matamoros, TAM
503 mi Tr seen 5/22/98
"floating over KETH-14"



WBSF-43 Melbourne, FL
840 mi Tr seen 5/23/98
@0025 CT

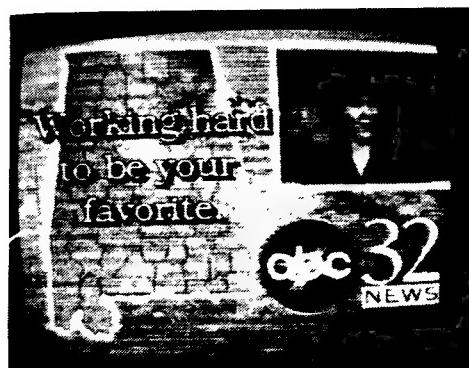


WFTX-36 Cape Coral, FL
818 mi Tr seen 5/23/98
@0230 CT

Photo News

December 1998

Page 2



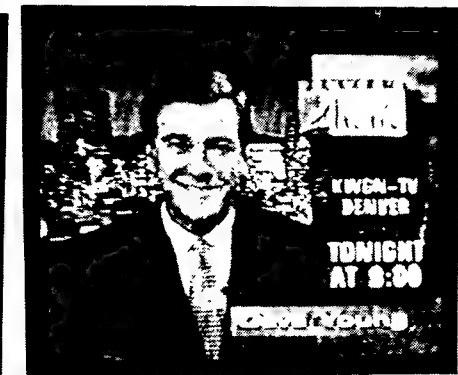
WHOA-32 Montgomery, AL
436 mi Tr seen 5/22/98
@0500 CT



WTEV-47 Jacksonville, FL
728 mi Tr seen 5/23/98
@0345 CT
"The Place to be!"



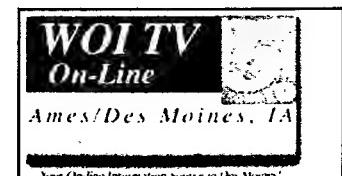
WTGL-52 Cocoa, FL
826 mi Tr seen 5/23/98
@0030 CT



KWGN-2 Denver, CO
806 mi Es seen 5/6/98
@1100 CT



Merry Dxmas to all! Jeff



NORTHERN FM DX

DECEMBER 1998

DEADLINE: The 5th of the month before publication
LOG CUTOFF: 4 months from postmark
COLUMN REPORTING AREA: See map to the right
 (also includes Europe & Asia)



A few more reports from this summer's e-skip, and the fall tropo. The autumn started out interestingly, with some good Tr openings, but conditions have leveled off lately. Still, some interesting conditions reported by several reporters this month. Thanks to all of you who supported NORTHERN FM DX in 1998. I look forward to hearing from all of you again in 1999, and maybe hear from some new reporters next year, as well.

HAPPY HOLIDAYS!

WELCOME NEW REPORTER!

STAN WEISBACK - 411 E. SINTO #203 - SPOKANE, WASHINGTON 99202

Equipment: Ford Probe Radio, GE Superradio II

JUNE 1998 DX

29 ES
 1915 KTHQ 92.5 AZ Eagar, k
 1940 KZUA 92.1 AZ Holbrook, "Z-92", ads for Holbrook and Show Low
 2016 KRST 92.3 NM Albuquerque, k
 2025 KFMR? 95.1 AZ? Family Radio prog.
 2030 KWYK 94.9 NM Aztec, "Quick Radio"

SEPTEMBER 1998 DX

30 TR or GW
 1630 KQRK 92.3 MT Ronan, "The Q"
OCTOBER 1998 DX
12 GW
 1614 KULE 92.3 WA Ephrata, "Coulee Country", new freq., may still be testing

Hello! I'm glad you extended the deadline for summer reports because it finally convinced me to send in a report on the only FM Es I've ever received in this area in almost 30 years of trying. A couple of my co-workers told me of a DX opening after-the-fact back in about 1994 which made me more determined to hear one. I used to have a co-worker with a large TV antenna about 25 miles out of town and saw TV Es with him (AZ, NV & CA on Ch.3, KPHO-AZ on Ch.5) about ten years ago until he moved into town. With local Chs. 2, 4, & 6 here (in fact I worked at KXLY-4 at the time) TV Es is very tough here. Times are in Eastern Daylight Time. I normally get groundwave (or perhaps tropo) from the stronger stations in-between the locals. Tri-cities (Pasco, Kennewick, & Richland), Walla Walla, Pullman in WA, Lewiston & Moscow in Idaho are in more often than not. We generally have very low humidity here which I understand inhibits tropo, unfortunately. I think I met you at the Atlanta WTFD Convention last year (yes, I was there - grc). Greg, I wish I could have made it to the Rock City Convention this year, especially with all the DX received there, but it was too expensive for me to get there. I was lucky to be able to come to Atlanta last year. I hope you enjoy receiving my report as much as I enjoyed sending it. If I receive any more unusual DX I'll pass it along. (Definitely, Stan. Thanks for reporting, and we look forward to hearing about your second e-skip experience!! - grc)

COMING IN NEXT MONTH'S VUD: THE 1998 SKIP SUMMARY. SEE HOW THIS YEAR RATED IN COMPARISON TO OTHER RECENT SUMMERS!!

NORTHERN FM DX

DECEMBER 1998

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK 14749

Equipment: Carver TX-11 tuner; IF filter modified. Pioneer SX 650 receiver Channel Master model 4408 (Stereo Probe 9) at 43 feet AGL on a Alliance HD-73 rotor. Winegard FT-7600 variable FM trap for 95.7MHz. Belden RG-11/u coax feed.

New loggings are underlined.

SEPTEMBER 1998 DX

26 tropo
 1705 WFMZ 104.9 NC Hertford,
 "Praise-105"+ ID, g\$ 422



27 tropo
 0959 WBHV 103.1 PA State College, "The Beaver"+ ID, ex "B-103", r\$ 89
 1004 WRKZ 106.7 PA Hershey, ID+ "The new Kat Country", ex "Z-106", k\$ 160

DAVE

OCTOBER 1998 DX

4 tropo & Groundwave	
0650 <u>WNBQ</u> 92.3 PA Mansfield, "The Buzz"+ ID // WNBT 104.5, rp\$	71
0900 <u>W282AC</u> 104.3 NY Dansville, WCOU 88.3 ID, g\$	54
1000 WJQZ 103.5 NY Wellsville, "Z-103 5"+ call, o\$ (sate), ex "103-JQZ" & AC 29	
1200 WBKT 95.3 NY Norwich, ID+"Big Kat Country", k\$	153
17 tropo 1000 <u>WSGY</u> 97.7 PA Somerset, "Froggy-98" + ID, k\$	141

RICH GALLISON - 136 DYER RD - ATKINSON, MAINE 04426

JUNE 22, 1998 DX

0846 KRNA 94.1 IA Iowa City, call letters	
0855 WVPE 88.1 IN Elkhart, "88.1 WVPE"	
0900 WGLT 89.1 IL Normal, calls	
0900 WBNL 89.1 IN Fort Wayne, calls, NPR	
0901 unID 89.3 NPIR	
0917 WHMS 97.5 IL Champaign "Lite Rock 97.5 it's 8:17"	
0927 WYMG 100.5 IL Jacksonville, calls	
0934 WAZY 96.5 IN Lafayette, calls & traffic	
0937 unID 98.7 ?? "Cool FM", also on AM but I didn't get the frequency	

(All stations heard in Stereo) Been awhile since I last reported, about 4 or 5 years? FM dial is really getting cluttered around here, mostly country and religious stations. Sure wish WDME 103.1 would go QRT so I could hear new WZRQ 102.9, good rock station. Thank God for 107.7 WMDI and 93.9 WCYI (I really liked WCYY/WCYI on my trips to Maine - grc). Greg, why does Northern FM-DX banner have two Massachusetts (MA) and no Maine (ME) ??? (Well MA is twice as important as ME ha ha! Just kidding, I never noticed that! It should be cleared up now - grc) Best Wishes to all FM/TV DXers, Richard WA2CIQ (Rich, great to hear from you again! Hope to get another report soon! - grc)



NORTHERN FM DX**HARRY J. HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA**

Equipment: GE Superradio w/110 kHz filter, 10 element Jerrold antenna in attic, RS amp. RS attenuator for overload, New Underlined

SEPTEMBER 1998 DX**3 Tr**

0010 WMGK 102.9 PA Philadelphia, good 100

16 Tr

2340 WTKV 105.5 NY Oswego 135

17 Tr

0753 WDHI 100.3 NY Delhi 100

0803 WYYY 94.5 NY Syracuse 135

0807 WSRK 103.9 PA Oneonta, over local translator 100

0821 CFLY 98.3 ON Kingston, rr mx 190
0827 WODZ 96.1 NY Rome, strong 150
0830 CJOJ 95.5 ON Belleville, v/strong 220



It has been a disappointing fall for tropes to say the least. It is now October 28th and there was nothing much of note to report in October. I just retired my Jerrold antenna in the attic, at least temporarily, in favor of an FM "stacked quad loop" that I built about 12 years ago. On the Jerrold I have been plagued lately with an electrical buzz from an unknown source all across the FM band, also my fax machine for my home business downstairs produces an odd sounding buzz in selected places on the dial. This problem is somewhat relieved when I move the electrical cord in different positions but the problem never completely goes away. Using the quad loop set-up right at my receiver, however, I eliminate the fax machine problem and the strange electrical buzz for the most part. Also without amplification to the loop I have picked up numerous MS bursts which I think attests to the effectiveness of this kind of antenna configuration for FM. Because I am using a smaller antenna I think that the reduction in overload from my numerous super-locals opens up my frequencies better for MS reception. You'd be surprised how a little overload can mask MS bursts! We'll see how this set up fares for MS and the upcoming E skip season in the next two months. Does anyone else have a problem with fax machines on FM?

CHARLES BERNTH - P.O. BOX 236 - EASTPORT, NEW YORK

Equipment: Adcom GTP-400 tuner, RS antenna

Internet: cbernth@banet.net

AUGUST 1998 DX**5 Tr**

0644 WFXK 104.3 NC Tarboro, Foxy 107-104 441

0707 WRVQ 94.5 VA Richmond, Q-94 360

0711 WRSN 93.9 NC Burlington, Sunny 93.9 491

0723 WERO 93.3 NC Washington, calls 457

0755 WVES 99.3 VA Accomac, calls 263

0759 WQRC 99.9 MA Barnstable, calls 134

0831 WSDL 90.7 MD Ocean City, calls 217

1004 WFCR 88.5 MA Amherst, calls 106

5 Es

0856 WSMR 90.7 FL Sarasota, calls 1098

0900 WQCS 88.9 FL Ft Pierce, calls 1024

0901 WLAL 88.7 FL Clermont, calls 986

0905 WFCC 88.5 FL St Augustine, calls 897

AUGUST 15th Es continued

1233 WMT 96.5 IA Cedar Rapids Mix 96-1/2 984
--

1241 KGGO 94.9 IA Des Moines, calls 1079
--

1247 KKEZ 94.5 IA Ft Dodge, Z-94 1115

1254 KRNA 94.1 IA Iowa City, ads 995

15 Tr

1810 WYST 93.5 MA Harwich Port Stereo 93.5 151
--

16 Tr

0925 WMJS 92.7 MD Prince Frederick ads 264
--

0930 WRBS 95.1 MD Baltimore, calls 238
--

Best Regards

Charles Bernth



DECEMBER 1998

SOUTHERN FM DX

John Zondlo
4009 Driftwood Circle

Yukon, OK 73099

E-mail: Jpzondlo@aol.com
Deadline: 10th



Merry CHRISTMAS

For DXers In AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, WV and Mexico

December 1998

0854 KXKZ 107.5 LA Ruston, k, "Kix 107.5," KGND off
0902 KPCH 97.7 LA Ruston, o, "K-Peach"
0905 unID 95.3 ?? ??, k, "95-wheater, Ouchita and...county's #1"
0934 unID 92.9 ?? ??, "The best of the 70's, 80's and 90s...Country 92.9"

0936 KNLU 91.1 LA Monroe, p
0941 KEDM 90.3 LA Monroe
0958 WMAU 88.9 MS Bude

0925 unID 104.1 ?? ??, o, "Oldies 104"
--

0915 Es 1518 WKSI 98.7 NC Greensboro, "The Point"
1520 WDRP 98.9 NC Windsor

1549 unID 94.9 ?? ??, "...on the Arrow."
1554 WWDE 101.1 VA Hampton Roads, "2WDE"

1558 WBWK 100.7 VA Christiansburg, p
1602 WWFG 99.9 MD Salisbury, k, "Froggy 99.9"

1605 WQPO 100.7 VA Harrisonburg, CHR, "Q-101"

8/20 Tr 1031 KRXL 94.5 MO Kirksville, "The X," KEMX off the air
2019 WSOY 102.9 IL Decatur, "Y-103"
2052 WKXK 106.5 IL Granite City, k, "Kix 106.5"
2101 KFUO 99.1 MO St. Louis, c, "Classic 99"

2112 KYKY 98.1 MO St. Louis, "Y-98"
91.1 IL Carlinville

8/21 Tr 2000 KFGE 98.1 NE Lincoln, k, "Froggy 98"
2130 KFMZ 98.3 MO Columbia, p
2136 WDBR 103.7 IL Springfield

8/22 Tr 2036 KETR 88.9 TX Commerce, o, "The Mint"
2042 KJKO 105.1 MO St. Joseph



Luke 2:10 And the angel said unto them, Fear not: for, behold, I bring you good tidings of great joy, which shall be to all people.

11 For unto you is born this day in the city of David a Saviour, which is Christ the Lord.



This Christmas, may you find the greatest joy, that of having Jesus in your heart!



The Zondlo family
John, Carol, Christy and Joel

EASTERN TV DX

December, 1998

Russell Miller
HC 61, Box 86B
N. Amity, ME 04471-9622
email address - estvdx@ainop.com

LOCAL TIME UNLESS OTHERWISE NOTED

Dave Nieman, Ho Sta Geh Rd, Rock City, NY 14749

Equipment: Teknika 6510 tuner into a Quasar 25" TV (MFG. 1977) plus an ICOM IC-R7000 TV receiver adapter. Channel Master 3617VHF antenna at 15 feet AGL, on a Radio Shack rotor, Belden RG-6 coax feed into a Winegard FT-7600 FM trap (set to trap 95.7 MHz) and winegard DA-205 distribution amp. antennacraft P-7 UHF antenna at 36 feet AGL on an alliance HD-73 rotor, Winegard PA-4975 preamp and Belden RG-aa/u coax feed.

All underlined loggings are new. Teknika for VHF and ICOM receiver for UHF reception.

October, 1998

17 Tr	0220	CHLF13	17 ON	270
0230	<u>W15BH</u>	15 NY	Buffalo	63
(WNYB-26)				
0300	WYDO	14 NC		450
0900	CHRO	43 ON		273
0930	<u>CITY3</u>	65 ON		264

This has been it for reception on the weekends for October down here. The new translator for WNYB (26) Jamestown, NY gets out well; it should be seen by many. Dave

Harry J. Hayes, 9 Henry St, Wilkes-Barre, PA 18702

Equipment: VHF: Ch. 2 and 5 switchable Quad loop. Radio Shack amp. UHF: 6ft. screened dish w/RDX Labs UA-901 amp. in attic and Zenith Sentry II, 1991 model

September, 1998

03 Tr	0030	WGBS	57 PA	Philadelphia	100
"UPN-57"					
16 Tr	2230	WUTR	20 NY	Utica, strong	150
2239	<u>WNYS</u>	43 NY	Syracuse		135
2315	<u>WWTI</u>	50 NY	Watertown		200
strong					
17 Tr	0009	WUHF	31 NY	Rochester	180
0009	<u>CIVQ</u>	30 PQ	Hull		290
fair at times, FF					
0040	CFMTTV2	60 ON	Ottawa		280
local ads					
2240	WPMT	43 PA	York		110

October, 1998

24 Es 2050 unIDs 2-4

WESTERN TV-DX

December 1998

Welcome to a New Reporter:

Paul Mitschler, 1906 All American Road, Hanover, KS 66945; 785 337-2287 email Ldendron@msn.com

Equipment: Channel Master 1162 antenna @ 18', CM 0100 amp, and LXI 13" receiver.

August 1998 tropo

20	0805	KRSC	35 OK Claremore	CDT
	0810	WVEC	13 VA	455
		WTVD	11 NC	455
		WUNP	36 NC	591
	0830	WUNJ	39 NS	533
		WYDO	14 NC	660
		WPDE	15 SC	562
		WNCN	17 NC	688
		W20AT	20 NC	592
		WCNC	36 NC	533
		W19BM	19 VA	698
		WRAZ	50 NC	450
	0900	W34AX	34 NC	600
		WRAY	30 NC	550
		W18BS	18 VA	565
		W24BI	24 VA	450
		WNCT	9 NC	565
		WITN	7 NC	565
	0930	WSFX	26 NC	660
		WUNU	31 NC	592
		W45BG	45 VA	456
		WLFL	22 NC	600
	1100	WEBA	14 SC	827
	1105	WCES	20 GA T	
		PM Like Above +		
	2000	WJWB	17 FL	990
		WAWS	30 FL	990

Roy Barstow, P.O.Box 2488, Teaticket, MA 02536

October, 1998

18 Tr	0800	WTKR	3 VA	455
	0810	WVEC	13 VA	455
		WTVD	11 NC	591
		WUNP	36 NC	533
	0830	WUNJ	39 NS	660
		WYDO	14 NC	562
		WPDE	15 SC	688
		WNCN	17 NC	592
		W20AT	20 NC	533
		WCNC	36 NC	698
		W19BM	19 VA	450
		WRAZ	50 NC	600
	0900	W34AX	34 NC	550
		WRAY	30 NC	565
		W18BS	18 VA	450
		W24BI	24 VA	450
		WNCT	9 NC	565
		WITN	7 NC	565
	0930	WSFX	26 NC	660
		WUNU	31 NC	592
		W45BG	45 VA	456
		WLFL	22 NC	600
	1100	WEBA	14 SC	827
	1105	WCES	20 GA T	
		PM Like Above +		
	2000	WJWB	17 FL	990
		WAWS	30 FL	990

Russell Miller, Amity, Maine 04471

October, 1998

12 Tr	1844	<u>WWBI</u>	27 NY	284
	1932	W14CK	14 VT	
		Video 27 UPN WWBI & Ch.14 Jay Peak		
	1948	CHCH	67 ON Severn Falls	
	2000	WNPI(?)	18 NY	355
		ID w/ WPBS (Watertown)		
13 Tr	1900	MD, VA, PA, NJ, etc		
18 Tr	0800	WVBT	43 VA	753
		WHRO	15 VA	
	0856	WHSP	65 NJ	
	0900	WNJU	47 NJ	

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4554
e-mail frank@horizon.sri.com
(650)851-7031

04	0845	KRSC	48 CO Idalia (KCNC-4)
04	0846	KRSC	46 CO Idalia (KWGN-2)
04	0847	KPXC	59 CO Denver
04	0848	KWGN	2 CO Denver
04	0849	KSNK	8 KS Oberlin McCook NBC
04	0850	K63?	carrying Spanish programming
04	0851	KLWY	27 WY Cheyenne FOX
04	0852	KKTU	33 WY Cheyenne
04	0853	K66?	and K69? test pattern no id
04	0854	KGWN	5 WY Cheyenne
04	0855	KUSA	9 CO Denver
04	0856	KKTV	11 CO Colorado Springs
04	0857	KTVD	20 CO Denver
04	0858	0709 KRMT	21 CO Colorado Springs
04	0859	0738 KRDO	13 CO Colorado Springs
04	0860	KBDI	12 CO Broomfield
04	0861	KFCT	22 CO Ft. Collins
11	0445	K61GC	61 KS Wichita
11	0446	K64BS	64 KS Concordia (carrying KMBC 9)
11	0447	K17CI	17 NE Beatrice
11	0448	K15CN	15 KS Salina
11	0449	K0509 K14HKt	14 KS Great Bend
11	0450	K21AP	21 KS Topeka
11	0451	K22CP	22 KS Salina
11	0452	K530 KMEG	14 IA Sioux City
11	0453	K30BP	30 NE Norfolk
11	0454	K55FL	55 IA Spencer
11	0455	K0537 K30CO	30 IA Storm Lake
11	0456	K0845 WHWC	28 MN Winona PBS
11	0457	KSMN	20 MN Worthington
11	0458	KXLT	47 MN Rochester
11	0459	WLAX	25 WI La Crosse
11	0460	WEUX	48 WI Chippewa Falls
16	0746	KRSC	35 OK Claremore
16	0747	KGLB	44 OK Okmulgee
16	0748	KWHB	47 OK Bartelsville
25	0758	WOI	5 IA Ames
25	0759	KTAJ	16 MO St. Joseph
25	0760	0822 KUSD	2 SD Vermillion
25	0761	KSMN	20 MN Worthington
25	0762	K25AA	25 IA Rock Rapids (Iowa PBS)
0839	0763	KTIN	21 IA Ft. Dodge
0839	0764	KYIN	24 IA Mason City
0839	0765	K22CX	22 NE Lincoln
29	0636	K56FC	56 NE Grand Island
29	0637	KCAU	9 IA Sioux City
30	0834	All Kansas City UHF snowfree	
30	0835	35 and 48 show Value Vision	
04	0836	October 1998 tropo	
04	0837	01 1638 KSPR	33 MO Springfield
04	0838	KWHB	47 OK Tulsa
04	0839	KRSC	35 OK Claremore
04	0840	KOZJ	26 MO Joplin
04	0841	KNLJ	25 MO Jefferson City
04	0842	1700 KOZK	21 MO Springfield

Western TV DX Paul Mischler's report cont'd

KSNF	16 MO	Joplin
KDEB	27 MO	Springfield
1744 KOAM	7 KS	Pittsburg
KODE	12 MO	Joplin
1929 KCLJ	46	
KFAA	51 AR	Rogers
2022 K20CT	20 AR	Springdale
K52DH	52 MO	Springfield
K48? Value Vision E		SE

This is my first report since relocating to Kansas. I have been amazed at the cochannel signals on the UHF band here. During the next few days I plan to put up my screened dish with rotor. It was great to see so much tropo from Colorado on Labor Day.

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for October 1998. There has been some change in the weather from summer to fall-winter conditions, but in between weather fronts, there was temporary return to stable air layering for some fair TV-FM coastal tropo between Santa Barbara and San Diego/Tijuana, up to 200 mi/320 km. Monitoring as usual was on indoor TV equipment and car radio FM.

01-4am: None (After none the day before)
 04 eve: Poor
 05 am: Fair (Some inland warming & Santa Ana winds)
 05 eve: None (Coastal warming; layers blown away)
 06 am: Very poor (UHF only; no VHF-TV or FM)
 06 eve: Poor (air layers return, "summer pattern")
 07 Fair coast cooling to mild, hot inland
 08 Good
 09 Poor (Cooling inland; unsettled--some layer instability)
 12 Fair (out of town 10,11)
 13 Poor
 14 Very poor
 15 None
 16 am: Very poor
 16 eve: Poor (except SDiego UHF good; no Tijuana UHF)
 17 am: None
 17 eve: Fair (Return to stable air layering)
 18 am: Poor
 18 eve: Fair
 19 am: Fair (Moderate warming inland)
 19 eve: Good
 20-21 am: Good
 21 eve: Very Good
 22-24 am: Fair, deteriorating
 24 eve: Poor (Stability ending; a little rain with Autumn/)
 25-26: None Winter weather front; overall cooling
 27-28 am: Poor
 28 eve: Fair
 29-31 am: Variably none to very poor
 31 eve: Fair

While in Wasco Oct. 10-12, a new Channel 32 was seen Oct. 10: KMCF-LP Fresno, A1 network, overnight VCC. Approx 80-100 miles. This is number 190 in my weatherbeaten reconstructed Wasco TV log. Best of DX to All. Dennis

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021

October 1998 tropo			CDT/CST
09	2200 WUNF	33 NC	558
10	2220 WLFG	68 VA	487
	2230 WYMT	57 KY	449
	2300 WKPI	22 KY Pikeville	461
11	0025 WVGV	59 WV Lewisburg	542
	0130 KTXH	20 TX	893
	0140 KXLN	45 TX	919
	0230 KARD	14 LA	651
11	0245 KXNE	19 NE	402
	0305 WOIO	19 OH	401
	0315 WGMB	44 LA Baton Rouge	784
	0435 KPOM	24 AR	513
	KVTJ	48 AR Jonesboro	409
	0830 WLFG	68 VA	487
	WYMT	57 KY	449
24	0235 WUNF	33 NC	558
	0335 WYMT	57 KY	449
28	0600 KDSD	16 SD	509
	0610 KDLV	56 SD Sioux Falls	383
	0625 KSAX	42 MN	404
	0700 K42CC	42 SD Sioux Falls	383
	K44CW	44 SD Sioux Falls	383
	0740 K59FM	59 IA Iowa Falls	201
	0745 KSCB-LP	53 SD Sioux Falls	383
	0810 K57GN	57 IA Iowa Falls	201
29	0230 WYMT	57 KY	449
	31 0135 KHNE	29 NE	464

Help was received on two mysteries. Minneapolis 9 on ch. 51 was 1.8 kW Jackson, MN. Fox programming on ch. 67 in Lima, OH was 19.5 kW WOHL-LP.

Interesting DX was seen in the early AM of October 11. Forty-five minutes centered on 0130 brought tropo to the east. (WV 542 mi), south (Rosenberg 919 mi), and west (norfolk 402 mi). DX was in for ten hours. A large stagnant air mass was centered over the central and southern US. Lewisburg WV was in for hours, and snowfree late. Houston UHFs were in 45 minutes with Spanish-speaking ch. 45 watchable.

Ashville 33 is seen more since their power increase, tower height increase, and polarization shift. WUNF-33 is seen late testing with their familiar UNC logo. An excellent early AM beacon station.

Mid AM on a rainy October 28 brought six new stations to the west. The new ch. 46, sat. of Mitchell SD-5, was snowfree from Sioux Falls. Surprised to see Sioux Falls 42 and 44 C/B very weakly for an hour. Power is 880 Watts and tower height is 141' for the former and 680 Watts and 118' for the latter. The ID KCSB was seen on ch. 53. K53EG in Sioux Falls is owned by Siouxland Christian Broadcasting. Which is their call? Much info on SD TV was found in Cable and TV

Western TV DX Wm Eckberg's report concludes

Factbook. Iowa Falls 59 is TV land and 57 appears to be a movie channel. No IDs as they are wireless. Other previously seen Iowa Falls channels were in.

Fernando Garcia, San Salvador 415, Rincon de la Sierra 67181 Cd Guadalupe, NL, MEXICO
 Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles.

October 1			CDT
0345	KADN	15 LA Lafayette	586

October 3			
0800	KETK	56 TX Jacksonville	532
	KXTX	39 TX Dallas	518
	KDTX	58 TX Dallas	518

October 4

0700	KFWD	52 TX Fort Worth	522
2200	KPXD	68 TX Arlington	518

October 6

0630	K57FE	57 TX McAllen	130
	Continuous calls and city upper right.		
	PRAISE TV at this time		

October 9

0745	WUPL	54 LA Slidell	705
	WLAE	32 LA New Orleans	694
	WNOL	38 LA New Orleans	694
	WLTZ	38 GA Columbus	1036

narrow duct into GA o/u WNOL

0800	WGNO	26 LA New Orleans	694
	WPXL	49 LA New Orleans	688

0815	WPMI	15 AL Mobile	838
0830	KLPB	24 LA Lafayette	567

0845	WMAH	19 MS Biloxi	770
	WHNO	20 LA New Orleans	688

	WPAN	53 FL Fort Walton B.	869
0915	WMGT	41 GA Macon	1115

	WVLA	33 LA Baton Rouge	633
	WLBP	27 LA Baton Rouge	638

0930	WFSG	56 FL Panama City	929
	I was lucky to have asked for three free days at work otherwise I would have never known of this morning opening.		

2000	KLAX	31 LA Alexandria	618
	KLPA	25 LA Alexandria	619

	\$ and same main audio on SAP, it's new to LPB stations		
2130	WCFT	33 AL Tuscaloosa	924

October 10			
0400	KASN	38 AR Pine Bluff	772
	Shop at Home		

0700	KFXK	51 TX Longview	557
	KYPX	42 AR Little Rock	803

0715	KVTH	26 AR Hot Springs	739
0730	K69HD	69 LA Church Point	586

0930	KLAF-LP	62 LA Opelousas	600
	KVHP	29 LA Lake Charles	530

1630	KTFO	41 OK Tulsa	766
	KVHB	47 OK Tulsa	765

1645	KWMJ	53 OK Tulsa	766
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October 11

0430	KHSX	49 TX Irving	518
	KAMC	28 TX Lubbock	553

	KBZO-LP	51 TX Woodrow UNI	558
	strong 28, 51 color		

	unid ch 62 continuous Shop at Home, suspect	K62DG Lubbock, seen until 10 AM	
--	---	---------------------------------	--

0445	KPOM	24 AR Fort Smith ID Bars	783
0500	KSPR	33 MO Springfield	906

0600	KCPN-LP	65 TX Amarillo	677
	Shop at Home, later UPN 65		

	KPTB	16 TX Lubbock	555
--	------	---------------	-----

0615	K53FR	53 TX Plainview	599
	KPCB	17 TX Snyder	495

	KGLR-LP	40 TX Lubbock Rel.	553
	K49BY	49 NM Clovis	634

	US State #18 via tropo, long time waited for it.		
--	--	--	--

	KRQE-TV	ID Bars, programming at 7 AM.	
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0645	K47EB	47 TX Lamesa	498
	K41CA	41 TX Kress KFDA-10	611

	K50ED	50 TX McCamey	405
0800	KCIT	14 TX Amarillo	677

	FOX, hard to get due to local T band activity.		
--	--	--	--

	K67EP	67 TX Snyder CBS	495
--	-------	------------------	-----

	Great to have this opening to nw TX on weekend		
--	--	--	--

	chs 16, 17, 47, 50, 53	were all with same	
--	------------------------	--------------------	--

	pr. as KMLM-42 (PTCB) Odessa strong.		
--	--------------------------------------	--	--

	KCBD	11 TX Lubbock	555
	KLBK	13 TX Lubbock	554

	KTXT	5 TX Lubbock	558
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0930	KOZK	21 MO Springfield	906
	KIDT-LP	43 TX Stamford FOX	504

1000	KPSG	43 OK Oklahoma City	706
1030	KWCVT	33 KS Wichita	

	color, running rel. program with two phones numbers on screen one for Wichita area and the other for outside.		
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1100	KPX	50 MO Kansas City	982
	KSMO	62 MO Kansas City	986

	KCWB	29 MO Kansas City	973
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October 14

0530	WEIQ	42 AL Mobile	825
	WMPV	21 AL Mobile	842

	WHBR	33 FL Pensacola	838
--	------	-----------------	-----

0545	WMAU	17 MS Bude	697
0600	WXTX	54 GA Columbus	1037

	WXV	25 MS Gulfport	764
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0615	WJSU	40 AL Anniston	992
	WTJP	60 AL Gadsden	998

0645	WFXL	31 GA Albany	1066
	o/u DTV signal from KHOU-DT?		

	WGMB	44 LA Baton Rouge	633
--	------	-------------------	-----

0700	K30EM	30 LA Houma HTV	644
	WGIQ	43 AL Louisville	987

	K59DG	59 LA New Orleans TBN	688
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1930	KMSS	33 LA Shreveport	615
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October 15

0300	KDAF	33 TX Dallas	518
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Western TV DX *F. Garcia's report concludes*

KTXA	21 TX	Fort Worth	518
0515 KUVN-LP	31 TX	Fort Worth UNI	521
KLDT	55 TX	Lake Dallas	544
0530 KDFI	27 TX	Dallas	518
0545 KMPX	29 TX	Decatur	537
KDOR	17 OK	Bartlesville	795
		rare o/T band activity	
0645 KOKH	25 OK	Oklahoma City	703
October 25			
0600 KJTV	34 TX	Lubbock	552
		local out for 30 minutes I noted this one with much better signal than KAMC-28, my local 34 should sign off more often, after all, they just run bars all night.	
October 29			
0800 WAIQ	26 AL	Montgomery	959
WMCF	45 AL	Montgomery	965
1930 WIAT	42 AL	Birmingham	969
WHOA	32 AL	Montgomery	928
WCOV	20 AL	Montgomery	958
WAPT	16 MS	Jackson	754
		narrow duct, strong.	
2030		unid bars ch 62, o/u KAKW suspect of application for Cd Anahuac, NL 115 miles north.	
2130 WSWS	66 AL	Opelika	1023
October 30			
0115 WIHQ	41 AL	Demopolis	877
0130 WATL	36 GA	Atlanta	1104
WGNX	46 GA	Atlanta	1104
WUPA	69 GA	Atlanta	1100
0530 WJSP	28 GA	Columbus	1057
		Local sign on at 5:45	
0600 WJTC	44 FL	Pensacola	842
0615 W50CF	50 AL	Mobile VCC	817
0700 WGBC	30 MS	Meridian	834
2000		unid bars ch 64 Laredo hdn, suspect of application for Sabinas Hidalgo, NL 60 miles n-ne.	
2100 WBHS	50 FL	Tampa	1116
WTAA	38 FL	St. Petersburg	1116
WFTX	36 FL	Cape Coral	1142
WWWB	32 FL	Lakeland	1135
2130 WZVN	26 FL	Naples	1153
		Florida gone by 2230, 26 and 50 pick to color.	

This was the best of the month of October comparing to previous months of October for:

First time to get Missouri and New Mexico.

Best number of days for the month:

Alabama 8

Arkansas 4

Missouri 3

New Mexico: 1, first time ever.

Oklahoma 5

Texas(500+) 17

Other days with opening to at least 500 miles: 5, 12, 13, 17, 23, 24, 26, 31.

73's Fernando

Mike Cherry, VE7SKA, Box 631, Ganges PO, Salt Spring Is. BC V8K 2W2 CANADA

November 1998	Es	GMT
10 0259 KWGN	2 CO	120°

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

September 1998	tropo	CDT
08 0721 WPXO	21 LA continuous ID, upper left	190
23 2225 K19DM	19 LA WBTR off air! Floating over WMAH	95

October 1998	tropo	CDT
02 2123 KAQY	11 LA Color bars, ID on screen	125
11 1005 WNGM	34 GA the Box	515
WATL	36 GA WB	455
1129 WCIQ	7 AL APT ID	375
12 2018 KSNF	16 MO Full ID, "Joplin - Pittsburg"	495
2259 KOED	11 OK OETA ID	480
13 1949 KLRT	16 AR	305
KASN	38 AR	270
14 2207 KSNF	16 MO news, "KSN" (twice in 2 days!?)	495
2230 KSBI	52 OK ID on screen	505
16 2154 WTJP	60 AL TBN	390
27 2244 WAWDt	58 FL "Beach TV", Destin ads	

November 1998	tropo	CST
01 2245 WJSP	28 GA GPTV	390
WLTZ	38 GA "NBC 38"	390

Not much to report. On the two nights I got KSNF-16, hardly anything else was coming in from that area. Strange.

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688

August 1998	qw	UTC
29 0330 WPXO	21 LA Minden	32

September 1998	Es on 1st, tropo rest	UTC
01 1528 KGAN	2 IA Cedar Rapids	672
03 0750 KNTS	17 LA Natchitoches//27, 55	59
KAIN	55 LA	
23 1400 KAQY	11 LA Columbia; ID bars	101

October 1998	tropo on 10th & 14th, Es rest	UTC
10 0305 KCRG	9 IA Cedar Rapids	672
0755 KWVL	7 IA Waterloo	702
0810 KYTV	3 MO Springfield, local off	335
0950 WKBT	8 WI Lacrosse; new tropo state	801
14 1535 KMBC	9 MO Kansas City	464
20 1420 unID	2 ON CTV	
1429 CBFIT	2 PQ SRC	
WGRZ	2 NY Buffalo	1091
1440 unID	4 ON CBC	
1443 unID	3 Floater	
1533 WJBK	2 MI Detroit	904
1544 CKCO2	2 ON Wiarton	1103
1720 KTWO	2 WY Casper	996
26 1640 CKPR	2 ON Thunder Bay; TBT	1130
2330 WJBK	2 MI	904

Western TV DX

Victor Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4558

Equipment: 5' screened dish @ 25', 1765' AMSL. HD-73 rotor, Radio Shack preamp, Icom R-7100, TV-R7000.

KION-46 was duplicated in last month's report resulting in a total of 60 instead of 61 stations identified by various means. There were some omissions and are some new ones this month, and a bunch of unIDs.

August-November 98 Audio Only ID

Ch. FreqMHz	CALL	KW	CA	City of License	km
15 481.73*	K15CX	19.9	Chico	ABC	283
25 537.2505	KBTB-LP	20.5	Sacramento	A1TV	158
53 709.75*	KAIL	2510	Fresno	UPN	261
59 741.2495	KMSG	1350	Sanger	TMD	261
61 753.2494	KPXF	2510	Porterville	PAX	338
62 763.75*	KGTN-LP	11.7	Placerville	TBN	184

* Audio carrier frequency ± 20 kHz

August-November 98 Call Letter Keyer ID Only

15 477.2622	K15CO	9.12	Porterville	338
22 519.2626	K22DD		San Jose	53

August-November 98 Misidentified or spurious?

23 525.2400	//KTN-C42	345°
24 531.2842	//KFTL-64	45°
28 555.2526	//K30BI (ID as KBI)	355°

Which brings my total IDs for this summer/fall to 68.

New Zealand Channel 1

The F2-layer MUF between Northern CA and New Zealand has reached greater than 45 MHz on numerous occasions during October and November. A number of radio amateur contacts have, in fact, taken place on the 50 MHz radio amateur band. Mostly this has been weak stuff, not good enough for ID of their audio on 50.750, and I have no reports of anyone getting a picture.

I have abstracted from reports by Bob Magnani, K6QXY, near Sebastopol, CA, of those times when he reported very strong reception of the New Zealand channel 1 video carriers, which are on 45.240 (strongest here), 45.250 (weakest here), and 45.260 MHz. Times and dates are UTC, formatted mmddhhmm.

10080001	ZL	video	45.240, 45.260	S9+20dB
10082055	ZL	video	45.240, 45.250, 45.260	S9
10252233	ZL	video	45.240, 45.250, 45.260	S9
11032056	ZL	video	45.240, 45.250, 45.260	vy strg
11072328	ZL	video	45.240, 45.250, 45.260	strong

Postscript

Continuing our oft-interrupted comments of Doug Smith's answers to my questions in June 98 VUD.

How about non-broadcast TV?

There doesn't seem to be a huge amount of interest. There have been some reports of radio STLs in the VUD, though I believe that ended up in the now-defunct PSB column. There never was much interest. This stuff is pretty hard to DX because of the narrow beamwidths used, and the intermittent mobile nature of remote truck transmissions. (Sometimes it's hard for us at the stations to receive the remote trucks, even though we know where they are, they're pointing their antennas at us, and our receive antenna is 750' in the air!) Still, it would make for some interesting DXing if someone were to give it a try! Do double-check the regulations first; seems to me the ECPA covers remote pickups, which would mean it's now technically illegal to DX these!

There are additional identifying parts of a TV transmission... (VBI IDs, SAP). Is reception of any one of these alone sufficient?

If it serves to positively identify what you're receiving, yes. You are receiving signals transmitted by the TV station being claimed, and you're receiving them on the same frequency as they're using to broadcast to the general public.

Call letter identification is becoming a thing of the past in all radio services, except the amateur service. We're weird, being so proud of those funny number-letter combinations! Call letters will probably stick around to provide a way for the FCC to keep track of who's where (a key field for their databases), but I would be not at all surprised to see the legal ID regulations dropped for DTV and digital radio stations. Other forms of identification--quite likely, as part of the datastream--will take its place. If we want to keep DXing, we'll have to accept these other methods.

Now is the time to start, before most of the UHF channels are swallowed by digital and high definition TV.

QRN will certainly be getting worse on the UHF band. But in most parts of the country, there's still plenty of open space. I don't think DTV is going to make DXing impossible. I find Fernando Garcia's tentative report of WSB-DT [39] Atlanta especially interesting. Having seen some of these Fernando's UHF DX photos, I have no doubt many of these stations would have yielded a usable digital signal. Of Danny Oglethorpe's E-skip photos in the May VUD, I think KVUU-5 and WTAE-4 would have probably yielded usable DTV signals. And yes, there will be DTV on low-band VHF.

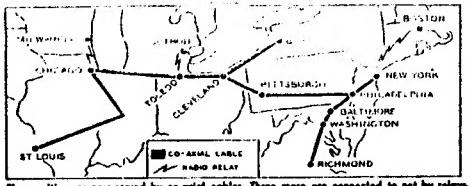


**TV-50
YEARS
AGO**

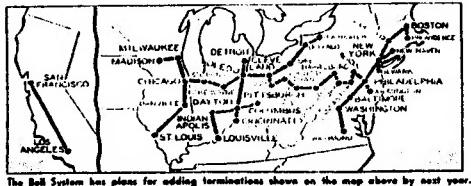
(Condensed from an article by Will Baltin, Secretary-Treasurer of the Television Broadcasters Association, which appeared in the March 1949 "Radio Electronics" magazine. The demand for TV was amazing. Those lucky enough to live in areas with stations wanted more, everyone else simply WANTED!)

Television ... the wonder baby of 1948...has outgrown its infant britches and is now a gangling adolescent, rampaging across the U. S. Even the highly optimistic prophets, who a year ago predicted this with an air of caution, are surprised by the actuality. Television has thrust its way into virtually every populous section of the country. 46,000,000 are now within reach of television service. By the end of 1949 an additional 25,000,000 will be able to have television.

Television went through many years of struggle and disappointment to achieve the stature of public acceptance.



Several cities are now served by co-ordinated airlines. Three more are connected to net by reformed



The new system has great potentialities both for the study made by our group

Even twelve months ago it was almost wholly confined to a handful of communities. The number of television receivers owned by the public numbered less than 200,000. Only 16 television stations were tossing images from batwing to dipole in January, 1948, and these stations were scattered along the eastern seaboard, in limited areas of the midwest, and in one city of the west coast.

This was the calm before the television storm of 1948. Shortly thereafter, TV manufacturers began to work up steam on their production lines. Receivers, which in 1947 had been moving out of factories into stores at the rate of 10,000 or less a month, suddenly began to stream forward in a steady, unbroken flow.

The steady flow of TV sets became a gusher in January, 1948. In that month alone, 30,000 sets were turned out. By the end of 1948 receivers were coming off production lines at better than 130,000 a month.

At the start of 1949 television programs were being received in 26 of the

nation's leading market areas. At the beginning of the year there were 51 stations on the air and at least 73 more were under construction. A total of well over 100 television stations in the U.S. by the end of this year (1949) is foreseen.

While television stations mushroomed across the country at an incredible rate, another service essential to the commercial well-being of the new industry was keeping pace... the installation of facilities for network telecasting.

The American Telephone and Telegraph Company, which pioneered in network services for radio, has also pioneered in television networking with great success. Two methods of program transmission are available: one the co-axial or concentric cable, and the other the microwave or radio relay.

Fourteen months ago the only network facilities available in the United States extended between New York City and Washington, D.C.. Then, AT&T opened its first radio relay (microwave) link between Boston and New York ... seven towers that beam programs in either direction.

By June, 1948, when the Republican National Convention opened in Philadelphia, AT&T had again extended its network route, opening a coaxial cable between Washington and Richmond, VA.

Another historic milestone was marked in networking when, early in October of 1948, the Bell System made available a network route extending from Buffalo to Cleveland, Toledo, Detroit, Chicago, Milwaukee and St. Louis. Early this year one of the great achievements in the history of television was effected when, on January 11, the AT&T drove another "golden spike" to link the East and the Midwest. Telecasts marking the linking of the above cities to New York, Philadelphia, Boston, Pittsburgh, Baltimore, Washington and Richmond in a 14-city network took place.

Most of the cities on the Eastern-to-Midwestern network are connected by coaxial cable, but three cities are linked by microwave relay. One group of relays connects New York City to Boston; another links Detroit

with Cleveland; and a third interconnects Chicago with Milwaukee.

Before the end of 1950, AT&T plans to provide additional facilities to extend television network service between the following cities: Los Angeles and San Francisco; Milwaukee and Madison; Buffalo and Rochester; Toledo and Dayton, Columbus and Cincinnati; as well as Indianapolis and Louisville.

ray picture tube. These programs are delivered by air or rail to stations not yet linked to the live network microwave or co-axial cable feeds. Among cities using kinescopes are Los Angeles, San Francisco, New Orleans, Atlanta, Memphis, Houston and Seattle.

J. R. Popple, president of the Television Broadcasters Association forecasts there will be 134 stations on the air by the end of 1949, 235 by the end of 1950, and about 335 by the end of 1951. He predicts the great rural areas of the nation will receive their television programs from transmitters which will tap into the national network links. These stations would not originate local programming, at least initially.

Wayne Coy, chairman of the FCC foresees 1,000 TV stations operating by 1955.

(Note: In addition to the stations listed on the map below, WAGA-TV and WSB-TV (channel 8) in Atlanta, and WTVJ in Miami were also operating at the time this article was published in 1949.)

